

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

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TestAmerica Irvine

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Tel: (949)261-1022

TestAmerica Job ID: 440-94483-1

Client Project/Site: Santa Paula Waste Facility

Revision: 1

For:

Center for Toxicology & Env Health LLC

5120 North Shore Drive

North Little Rock, Arkansas 72118

Attn: Ms. Christine Millner



Authorized for release by:

12/24/2014 1:42:18 PM

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

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# Sample Summary

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-94483-1	SACA1126SL003	Water	11/26/14 15:05	11/28/14 09:23
440-94483-2	SACA1126SC003	Water	11/26/14 15:30	11/28/14 09:23
440-94483-3	SACA1126SD003	Solid	11/26/14 15:20	11/28/14 09:23
440-94483-4	SACA1126SD004	Solid	11/26/14 15:50	11/28/14 09:23
440-94483-5	SACA1126SD005	Solid	11/26/14 16:35	11/28/14 09:23
440-94483-6	SACA1126SC005	Solid	11/26/14 16:35	11/28/14 09:23
440-94483-7	SACA1123TB007	Water	11/23/14 00:01	11/28/14 09:23
440-94483-9	SACA1126TT009	Waste	11/26/14 15:20	11/28/14 09:23
440-94483-11	SACA1126TT011	Water	11/26/14 15:40	11/28/14 09:23
440-94483-14	SACA1126TT012	Waste	11/26/14 15:55	11/28/14 09:23
440-94483-15	SACA1126TT013	Waste	11/26/14 16:00	11/28/14 09:23
440-94483-16	SACA1123TB004	Water	11/23/14 00:01	11/28/14 09:23
440-94483-17	SACA1123TB006	Water	11/23/14 00:01	11/28/14 09:23
440-94483-18	SACA1126TT008	Solid	11/26/14 15:00	11/28/14 09:23

# Case Narrative

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Job ID: 440-94483-1**

**Laboratory: TestAmerica Irvine**

## Narrative

### Job Narrative 440-94483-1

#### Comments

Revised report to dry-weight correct solid results per client request.

#### Receipt

The samples were received on 11/28/2014 9:23 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 1.9° C, 2.3° C, 2.6° C and 4.2° C.

Due to the nature of the sample matrix, sample SACA1126TT010 could not be processed by the laboratory.

Due to the nature of the sample matrix, samples SACA1126TT009, SACA1126TT012, SACA1126TT013, SACA1126TT008 could not be analyzed for residual chlorine.

The following samples were received unpreserved and were preserved upon receipt to the laboratory for metals analysis: SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1), SACA1126TT008 (440-94483-8), SACA1126TT011 (440-94483-11), SACA1126TT011 (440-94483-11 MS), SACA1126TT011 (440-94483-11 MSD). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion. The samples were preserved with 1 mL of 1:1 nitric acid from lot 0000050770 at 1 December 2014 at 16:55.

#### GC/MS VOA

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: SACA1126TT011 (440-94483-11), SACA1126TT011 (440-94483-11 MS), SACA1126TT011 (440-94483-11 MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed. Toluene-d8 (Surr) low in the source sample and ms/msd.

Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample matrix: SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1) SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14) SACA1126TT008 (440-94483-18). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 221885 recovered outside control limits for the following analytes: Dichlorodifluoromethane.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 221885 recovered above the upper control limit for 1,1,1-Trichloroethane, 1,2-Dichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-221885/2), SACA1126SD003 (440-94483-3), SACA1126SD004 (440-94483-4), SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15).

Method(s) 8260B: Surrogate: Dichlorofluoromethane recovery for the following sample was below the lower control limits: SACA1126SC005 (440-94483-6), SACA1126SD005 (440-94483-5). Re-analysis was performed with concurring results. The re-analysis has been reported.

Method(s) 8260B: The following sample(s) was diluted due to the abundance of non-target analytes: SACA1126SC005 (440-94483-6) SACA1126SD005 (440-94483-5). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 222525 recovered outside control limits for the following analytes: 1,1-Dichloropropene, Tert-butyl ethyl ether, and tert-Butylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC/MS Semi VOA

Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 222258 recovered above the upper control limit for 2,2-oxybix[1-chloropropane] and Aniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-222258/2), SACA1126SC005 (440-94483-6),

## Case Narrative

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

### Job ID: 440-94483-1 (Continued)

#### Laboratory: TestAmerica Irvine (Continued)

SACA1126SD003 (440-94483-3), SACA1126SD004 (440-94483-4), SACA1126SD005 (440-94483-5), SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15), SACA1130SE001 (440-94576-1).

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: SACA1126SD003 (440-94483-3) SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1), SACA1126TT011 (440-94483-11). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 227833, 222519 and 221851 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 222114 recovered above the upper control limit for 2,2-oxybis[1-chloropropane]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-222114/2), (MB 440-221833/1-A).

Method(s) 8270C: The laboratory control sample (LCS) for batch 221833 recovered outside control limits for the following analytes: 2,4-Dimethylphenol and N-Nitrosodiphenylamine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The following sample(s) required a dilution due to the nature of the sample matrix: SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15), SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8270C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 221866 recovered outside control limits for the following analytes: 4-methylphenol; nitrobenzene; 2,4,5-trichlorophenol; 2,4,6-trichlorophenol; phenol; isophorone; 2,2'-oxybis(1-chloropropane); 2,4-dichlorophenol; 4-bromophenyl phenyl ether; 2-chlorophenol; 2,4-dimethylphenol; and surrogates phenol-d6 and 2-fluorophenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8270C: The following sample(s) was diluted due to the abundance of non-target analytes: SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Surrogate recovery for the following sample(s) was outside control limits: SACA1126TT011 (440-94483-11), SACA1126TT011 (440-94483-11 MS), SACA1126TT011 (440-94483-11 MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for batch 221851 and 222519 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 222850 recovered above the upper control limit for 2,2'-oxybis(1-chloropropane) and aniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-222850/2), (MB 440-222519/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### HPLC/IC

Method(s) 300.0: The following sample(s) was diluted for bromide and fluoride due to the nature of the sample matrix: SACA1126TT011 (440-94483-11) SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1) SACA1126SD003 (440-94483-3) SACA1126SD004 (440-94483-4) SACA1126SC005 (440-94483-6), SACA1126SD005 (440-94483-5). Elevated reporting limits (RLs) are provided.

Method(s) 300.0: Due to the high concentration of chloride, the matrix spike / matrix spike duplicate (MS/MSD) for batch 221928 could not be evaluated for accuracy and precision, however estimated results are reported due to clients request for MS/MSD on sample 440-94483-11. The associated laboratory control sample (LCS) met acceptance criteria.

## Case Narrative

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

### Job ID: 440-94483-1 (Continued)

#### Laboratory: TestAmerica Irvine (Continued)

Method(s) 300.0: The following sample(s) was diluted for chloride, fluoride, bromide and sulfate due to the nature of the sample matrix: SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15). Elevated reporting limits (RLs) are provided

Method(s) 300.0: The following sample(s) was diluted for bromide and chloride due to the nature of the sample matrix: SACA1126TT008 (440-94483-18). Elevated reporting limits (RLs) are provided.

Method(s) 300.0: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time for nitrate, nitrite and orthophosphate: SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1), SACA1126TT011 (440-94483-11).

Method(s) 300.0: The following sample(s) was diluted for nitrate, nitrite and orthophosphate due to the nature of the sample matrix: SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1), SACA1126TT011 (440-94483-11) SACA1126SD003 (440-94483-3) SACA1126SD004 (440-94483-4) SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15). Elevated reporting limits (RLs) are provided.

Method(s) 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for nitrate and nitrite in batch 221927 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 300.0: The following sample(s) was diluted due to the presence of elevated chloride concentration which co-elutes with the nitrite peak: SACA1126TT011 (440-94483-11). Elevated reporting limits (RLs) are provided.

Method(s) 300.0: The following sample(s) was diluted for nitrate and nitrite due to the nature of the sample matrix : SACA1126TT008 (440-94483-18). Elevated reporting limits (RLs) are provided.

Method(s) 300.0: The following sample(s) was diluted for nitrite and orthophosphate due to the nature of the sample matrix: SACA1126SC005 (440-94483-6), SACA1126SD005 (440-94483-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC VOA

Method(s) 8015B: The following volatile sample(s) was analyzed with significant headspace in the sample vial(s) due to multiple injections: SACA1126SC003 (440-94483-2), SACA1126TT011 (440-94483-11), SACA1126TT011 (440-94483-11 MS), SACA1126TT011 (440-94483-11 MSD). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method(s) 8015B: The following sample(s) was diluted due to the nature of the sample matrix: SACA1126TT008 (440-94483-18). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### GC Semi VOA

Method(s) 8015B: The following sample(s) was diluted due to the nature of the sample matrix: SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14). Elevated reporting limits (RLs) are provided.

Method(s) 8015B: The following samples required a dilution due to the nature of the sample matrix: SACA1126SC003 (440-94483-2), SACA1126SD003 (440-94483-3), SACA1126SL003 (440-94483-1) SACA1126TT008 (440-94483-18) SACA1126TT009 (440-94483-9), SACA1126TT012 (440-94483-14), SACA1126TT013 (440-94483-15). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method(s) 8015B: Due to the high concentration of C10-C28, the matrix spike / matrix spike duplicate (MS/MSD) for batch 222514 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Case Narrative

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

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## Job ID: 440-94483-1 (Continued)

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### Laboratory: TestAmerica Irvine (Continued)

#### Metals

Method(s) 6010B: The following sample(s) was diluted due to the nature of the sample matrix: SACA1126SC005 (440-94483-6), SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1), SACA1126TT011 (440-94483-11). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The method blank for batch 222501 contained Zinc above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank. SACA1126TT008 (440-94483-18)

Method(s) 7471A: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for batch 221842 was outside control limits for Mercury. Sample matrix interference and/or non-homogeneity are suspected. (440-93948-16 MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

#### Organic Prep

Method(s) 3520C: Elevated reporting limits are provided for the following sample(s) due to insufficient sample provided for preparation: SACA1126SC003 (440-94483-2), SACA1126SL003 (440-94483-1), SACA1126TT011 (440-94483-11).

Method(s) 3546: The following sample(s) was diluted due to the nature of the sample matrix: SACA1126SC005 (440-94483-6), SACA1126SD003 (440-94483-3), SACA1126SD004 (440-94483-4), SACA1126SD005 (440-94483-5), SACA1126TT008 (440-94483-18). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.



# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SL003**

**Lab Sample ID: 440-94483-1**

**Date Collected: 11/26/14 15:05**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		500		ug/L			12/02/14 13:35	100
1,1,1-Trichloroethane	ND		200		ug/L			12/02/14 13:35	100
1,1,1,2,2-Tetrachloroethane	ND		200		ug/L			12/02/14 13:35	100
1,1,1,2-Trichloroethane	ND		200		ug/L			12/02/14 13:35	100
1,1-Dichloroethane	ND		200		ug/L			12/02/14 13:35	100
1,1-Dichloroethene	ND		500		ug/L			12/02/14 13:35	100
1,1-Dichloropropene	ND		200		ug/L			12/02/14 13:35	100
1,2,3-Trichlorobenzene	ND		500		ug/L			12/02/14 13:35	100
1,2,3-Trichloropropane	ND		1000		ug/L			12/02/14 13:35	100
1,2,4-Trichlorobenzene	ND		500		ug/L			12/02/14 13:35	100
1,2,4-Trimethylbenzene	ND		200		ug/L			12/02/14 13:35	100
1,2-Dibromo-3-Chloropropane	ND		500		ug/L			12/02/14 13:35	100
1,2-Dibromoethane (EDB)	ND		200		ug/L			12/02/14 13:35	100
1,2-Dichlorobenzene	ND		200		ug/L			12/02/14 13:35	100
1,2-Dichloroethane	ND		200		ug/L			12/02/14 13:35	100
1,2-Dichloropropane	ND		200		ug/L			12/02/14 13:35	100
1,3,5-Trimethylbenzene	ND		200		ug/L			12/02/14 13:35	100
1,3-Dichlorobenzene	ND		200		ug/L			12/02/14 13:35	100
1,3-Dichloropropane	ND		200		ug/L			12/02/14 13:35	100
1,4-Dichlorobenzene	ND		200		ug/L			12/02/14 13:35	100
2,2-Dichloropropane	ND		200		ug/L			12/02/14 13:35	100
2-Chlorotoluene	ND		500		ug/L			12/02/14 13:35	100
4-Chlorotoluene	ND		500		ug/L			12/02/14 13:35	100
Benzene	ND		200		ug/L			12/02/14 13:35	100
Bromobenzene	ND		500		ug/L			12/02/14 13:35	100
Bromochloromethane	ND		500		ug/L			12/02/14 13:35	100
Bromodichloromethane	ND		200		ug/L			12/02/14 13:35	100
Bromoform	ND		500		ug/L			12/02/14 13:35	100
Bromomethane	ND		500		ug/L			12/02/14 13:35	100
Carbon tetrachloride	ND		500		ug/L			12/02/14 13:35	100
Chlorobenzene	ND		200		ug/L			12/02/14 13:35	100
Chloroethane	ND		500		ug/L			12/02/14 13:35	100
Chloroform	ND		200		ug/L			12/02/14 13:35	100
Chloromethane	ND		500		ug/L			12/02/14 13:35	100
cis-1,2-Dichloroethene	ND		200		ug/L			12/02/14 13:35	100
cis-1,3-Dichloropropene	ND		200		ug/L			12/02/14 13:35	100
Dibromochloromethane	ND		200		ug/L			12/02/14 13:35	100
Dibromomethane	ND		200		ug/L			12/02/14 13:35	100
Dichlorodifluoromethane	ND		500		ug/L			12/02/14 13:35	100
Ethylbenzene	ND		200		ug/L			12/02/14 13:35	100
Hexachlorobutadiene	ND		500		ug/L			12/02/14 13:35	100
Isopropylbenzene	ND		200		ug/L			12/02/14 13:35	100
m,p-Xylene	ND		200		ug/L			12/02/14 13:35	100
Methylene Chloride	ND		500		ug/L			12/02/14 13:35	100
Methyl-t-Butyl Ether (MTBE)	ND		100		ug/L			12/02/14 13:35	100
Naphthalene	ND		500		ug/L			12/02/14 13:35	100
n-Butylbenzene	ND		500		ug/L			12/02/14 13:35	100
N-Propylbenzene	ND		200		ug/L			12/02/14 13:35	100
o-Xylene	ND		200		ug/L			12/02/14 13:35	100

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SL003**

**Lab Sample ID: 440-94483-1**

Date Collected: 11/26/14 15:05

Matrix: Water

Date Received: 11/28/14 09:23

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		500		ug/L			12/02/14 13:35	100
Styrene	ND		200		ug/L			12/02/14 13:35	100
Tert-amyl-methyl ether (TAME)	ND		500		ug/L			12/02/14 13:35	100
tert-Butylbenzene	ND		500		ug/L			12/02/14 13:35	100
Tetrachloroethene	ND		200		ug/L			12/02/14 13:35	100
Toluene	ND		200		ug/L			12/02/14 13:35	100
trans-1,2-Dichloroethene	ND		200		ug/L			12/02/14 13:35	100
trans-1,3-Dichloropropene	ND		200		ug/L			12/02/14 13:35	100
Trichloroethene	ND		200		ug/L			12/02/14 13:35	100
Trichlorofluoromethane	ND		500		ug/L			12/02/14 13:35	100
Vinyl chloride	ND		500		ug/L			12/02/14 13:35	100
Xylenes, Total	ND		200		ug/L			12/02/14 13:35	100
Isopropyl Ether (DIPE)	ND		500		ug/L			12/02/14 13:35	100
Ethyl-t-butyl ether (ETBE)	ND		500		ug/L			12/02/14 13:35	100
tert-Butyl alcohol (TBA)	ND		1000		ug/L			12/02/14 13:35	100
p-Isopropyltoluene	ND		200		ug/L			12/02/14 13:35	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Toluene-d8 (Surr)	110		80 - 128					12/02/14 13:35	100
4-Bromofluorobenzene (Surr)	104		80 - 120					12/02/14 13:35	100
Dibromofluoromethane (Surr)	99		76 - 132					12/02/14 13:35	100

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
1,2-Dichlorobenzene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
1,2-Diphenylhydrazine(as Azobenzene)	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
1,3-Dichlorobenzene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
1,4-Dichlorobenzene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,4,5-Trichlorophenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,4,6-Trichlorophenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,4-Dichlorophenol	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,4-Dimethylphenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,4-Dinitrophenol	ND		584		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,4-Dinitrotoluene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2,6-Dinitrotoluene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2-Chloronaphthalene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2-Chlorophenol	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2-Methylnaphthalene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2-Methylphenol	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
2-Nitroaniline	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
2-Nitrophenol	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
3,3'-Dichlorobenzidine	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
3-Nitroaniline	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
4,6-Dinitro-2-methylphenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
4-Bromophenyl phenyl ether	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
4-Chloro-3-methylphenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
4-Chloroaniline	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
4-Chlorophenyl phenyl ether	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SL003**

**Lab Sample ID: 440-94483-1**

Date Collected: 11/26/14 15:05

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
4-Nitroaniline	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
4-Nitrophenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Acenaphthene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Acenaphthylene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Aniline	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Anthracene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzidine	ND		584		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzo[a]anthracene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzo[a]pyrene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzo[b]fluoranthene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzo[g,h,i]perylene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzo[k]fluoranthene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzoic acid	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Benzyl alcohol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Bis(2-chloroethoxy)methane	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Bis(2-chloroethyl)ether	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Bis(2-ethylhexyl) phthalate	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Butyl benzyl phthalate	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Chrysene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Dibenz(a,h)anthracene	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Dibenzofuran	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Diethyl phthalate	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Dimethyl phthalate	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Di-n-butyl phthalate	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Di-n-octyl phthalate	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Fluoranthene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Fluorene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Hexachlorobenzene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Hexachlorobutadiene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Hexachlorocyclopentadiene	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Hexachloroethane	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Indeno[1,2,3-cd]pyrene	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Isophorone	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Naphthalene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Nitrobenzene	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
N-Nitrosodi-n-propylamine	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
N-Nitrosodiphenylamine	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Pentachlorophenol	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10
Phenanthrene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Phenol	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
Pyrene	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
bis (2-chloroisopropyl) ether	ND		146		ug/L		12/01/14 18:12	12/04/14 14:53	10
N-Nitrosodimethylamine	ND		292		ug/L		12/01/14 18:12	12/04/14 14:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	31	X	50 - 120	12/01/14 18:12	12/04/14 14:53	10
2-Fluorophenol (Surr)	61		30 - 120	12/01/14 18:12	12/04/14 14:53	10
2,4,6-Tribromophenol (Surr)	58		40 - 120	12/01/14 18:12	12/04/14 14:53	10
Nitrobenzene-d5 (Surr)	71		45 - 120	12/01/14 18:12	12/04/14 14:53	10

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SL003**

**Lab Sample ID: 440-94483-1**

Date Collected: 11/26/14 15:05

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	0	X	37 - 144	12/01/14 18:12	12/04/14 14:53	10
Phenol-d6 (Surr)	68		35 - 120	12/01/14 18:12	12/04/14 14:53	10

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	54800		10000		ug/L			12/02/14 12:01	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		65 - 140		12/02/14 12:01	200

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	12.7		5.46		mg/L		12/02/14 06:45	12/02/14 17:20	10
C23-C40	ND		5.46		mg/L		12/02/14 06:45	12/02/14 17:20	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	59		45 - 120	12/02/14 06:45	12/02/14 17:20	10

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		25.0		mg/L			12/02/14 23:04	50
Nitrate as N	20.0	H	5.50		mg/L			12/02/14 23:04	50
Chloride	1690		250		mg/L			12/02/14 21:18	500
Nitrate Nitrite as N	20.0	H	7.50		mg/L			12/02/14 23:04	50
Fluoride	ND		25.0		mg/L			12/02/14 23:04	50
Nitrite as N	ND	H	7.50		mg/L			12/02/14 23:04	50
Nitrite as NO2	ND	H	25.0		mg/L			12/02/14 23:04	50
Sulfate	2750		250		mg/L			12/02/14 21:18	500
Nitrate as NO3	88.4	H	25.0		mg/L			12/02/14 23:04	50
Orthophosphate as P	ND	H	8.00		mg/L			12/02/14 23:04	50
Orthophosphorus as PO4	ND	H	25.0		mg/L			12/02/14 23:04	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Arsenic	0.0252		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Barium	0.0998		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Beryllium	ND		0.00400		mg/L		12/02/14 18:20	12/03/14 12:11	2
Cadmium	0.0795		0.0100		mg/L		12/02/14 18:20	12/03/14 12:11	2
Chromium	0.0421		0.0100		mg/L		12/02/14 18:20	12/03/14 12:11	2
Cobalt	0.0332		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Copper	0.242		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Lead	0.0322		0.0100		mg/L		12/02/14 18:20	12/03/14 12:26	2
Molybdenum	0.0844		0.0400		mg/L		12/02/14 18:20	12/03/14 12:11	2
Nickel	0.0402		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Selenium	0.0282		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Thallium	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Vanadium	0.0948		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2
Zinc	14.5		0.0400		mg/L		12/02/14 18:20	12/03/14 12:11	2
Silver	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 12:11	2

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# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SL003**

**Lab Sample ID: 440-94483-1**

Date Collected: 11/26/14 15:05

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000800		mg/L		12/03/14 08:38	12/03/14 15:28	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	1.14	HF	0.100		mg/L			12/02/14 10:23	1

**Client Sample ID: SACA1126SC003**

**Lab Sample ID: 440-94483-2**

Date Collected: 11/26/14 15:30

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		100		ug/L			12/02/14 13:05	20
1,1,1-Trichloroethane	ND		40.0		ug/L			12/02/14 13:05	20
1,1,1,2,2-Tetrachloroethane	ND		40.0		ug/L			12/02/14 13:05	20
1,1,1,2-Trichloroethane	ND		40.0		ug/L			12/02/14 13:05	20
1,1-Dichloroethane	ND		40.0		ug/L			12/02/14 13:05	20
1,1-Dichloroethene	ND		100		ug/L			12/02/14 13:05	20
1,1-Dichloropropene	ND		40.0		ug/L			12/02/14 13:05	20
1,2,3-Trichlorobenzene	ND		100		ug/L			12/02/14 13:05	20
1,2,3-Trichloropropane	ND		200		ug/L			12/02/14 13:05	20
1,2,4-Trichlorobenzene	ND		100		ug/L			12/02/14 13:05	20
1,2,4-Trimethylbenzene	ND		40.0		ug/L			12/02/14 13:05	20
1,2-Dibromo-3-Chloropropane	ND		100		ug/L			12/02/14 13:05	20
1,2-Dibromoethane (EDB)	ND		40.0		ug/L			12/02/14 13:05	20
1,2-Dichlorobenzene	ND		40.0		ug/L			12/02/14 13:05	20
1,2-Dichloroethane	ND		40.0		ug/L			12/02/14 13:05	20
1,2-Dichloropropane	ND		40.0		ug/L			12/02/14 13:05	20
1,3,5-Trimethylbenzene	ND		40.0		ug/L			12/02/14 13:05	20
1,3-Dichlorobenzene	ND		40.0		ug/L			12/02/14 13:05	20
1,3-Dichloropropane	ND		40.0		ug/L			12/02/14 13:05	20
1,4-Dichlorobenzene	ND		40.0		ug/L			12/02/14 13:05	20
2,2-Dichloropropane	ND		40.0		ug/L			12/02/14 13:05	20
2-Chlorotoluene	ND		100		ug/L			12/02/14 13:05	20
4-Chlorotoluene	ND		100		ug/L			12/02/14 13:05	20
Benzene	ND		40.0		ug/L			12/02/14 13:05	20
Bromobenzene	ND		100		ug/L			12/02/14 13:05	20
Bromochloromethane	ND		100		ug/L			12/02/14 13:05	20
Bromodichloromethane	ND		40.0		ug/L			12/02/14 13:05	20
Bromoform	ND		100		ug/L			12/02/14 13:05	20
Bromomethane	ND		100		ug/L			12/02/14 13:05	20
Carbon tetrachloride	ND		100		ug/L			12/02/14 13:05	20
Chlorobenzene	ND		40.0		ug/L			12/02/14 13:05	20
Chloroethane	ND		100		ug/L			12/02/14 13:05	20
Chloroform	ND		40.0		ug/L			12/02/14 13:05	20
Chloromethane	ND		100		ug/L			12/02/14 13:05	20
cis-1,2-Dichloroethene	ND		40.0		ug/L			12/02/14 13:05	20
cis-1,3-Dichloropropene	ND		40.0		ug/L			12/02/14 13:05	20
Dibromochloromethane	ND		40.0		ug/L			12/02/14 13:05	20
Dibromomethane	ND		40.0		ug/L			12/02/14 13:05	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC003**

**Lab Sample ID: 440-94483-2**

**Date Collected: 11/26/14 15:30**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		100		ug/L			12/02/14 13:05	20
Ethylbenzene	ND		40.0		ug/L			12/02/14 13:05	20
Hexachlorobutadiene	ND		100		ug/L			12/02/14 13:05	20
Isopropylbenzene	ND		40.0		ug/L			12/02/14 13:05	20
m,p-Xylene	ND		40.0		ug/L			12/02/14 13:05	20
Methylene Chloride	ND		100		ug/L			12/02/14 13:05	20
Methyl-t-Butyl Ether (MTBE)	ND		20.0		ug/L			12/02/14 13:05	20
Naphthalene	ND		100		ug/L			12/02/14 13:05	20
n-Butylbenzene	ND		100		ug/L			12/02/14 13:05	20
N-Propylbenzene	ND		40.0		ug/L			12/02/14 13:05	20
o-Xylene	ND		40.0		ug/L			12/02/14 13:05	20
sec-Butylbenzene	ND		100		ug/L			12/02/14 13:05	20
Styrene	ND		40.0		ug/L			12/02/14 13:05	20
Tert-amyl-methyl ether (TAME)	ND		100		ug/L			12/02/14 13:05	20
tert-Butylbenzene	ND		100		ug/L			12/02/14 13:05	20
Tetrachloroethene	ND		40.0		ug/L			12/02/14 13:05	20
Toluene	ND		40.0		ug/L			12/02/14 13:05	20
trans-1,2-Dichloroethene	ND		40.0		ug/L			12/02/14 13:05	20
trans-1,3-Dichloropropene	ND		40.0		ug/L			12/02/14 13:05	20
Trichloroethene	ND		40.0		ug/L			12/02/14 13:05	20
Trichlorofluoromethane	ND		100		ug/L			12/02/14 13:05	20
Vinyl chloride	ND		100		ug/L			12/02/14 13:05	20
Xylenes, Total	ND		40.0		ug/L			12/02/14 13:05	20
Isopropyl Ether (DIPE)	ND		100		ug/L			12/02/14 13:05	20
Ethyl-t-butyl ether (ETBE)	ND		100		ug/L			12/02/14 13:05	20
tert-Butyl alcohol (TBA)	ND		200		ug/L			12/02/14 13:05	20
p-Isopropyltoluene	ND		40.0		ug/L			12/02/14 13:05	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		80 - 128		12/02/14 13:05	20
4-Bromofluorobenzene (Surr)	102		80 - 120		12/02/14 13:05	20
Dibromofluoromethane (Surr)	102		76 - 132		12/02/14 13:05	20

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
1,2-Dichlorobenzene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
1,2-Diphenylhydrazine(as Azobenzene)	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
1,3-Dichlorobenzene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
1,4-Dichlorobenzene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,4,5-Trichlorophenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,4,6-Trichlorophenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,4-Dichlorophenol	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,4-Dimethylphenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,4-Dinitrophenol	ND		625		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,4-Dinitrotoluene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2,6-Dinitrotoluene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2-Chloronaphthalene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2-Chlorophenol	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC003**

**Lab Sample ID: 440-94483-2**

**Date Collected: 11/26/14 15:30**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2-Methylphenol	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
2-Nitroaniline	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
2-Nitrophenol	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
3,3'-Dichlorobenzidine	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
3-Nitroaniline	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
4,6-Dinitro-2-methylphenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
4-Bromophenyl phenyl ether	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
4-Chloro-3-methylphenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
4-Chloroaniline	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
4-Chlorophenyl phenyl ether	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
3-Methylphenol + 4-Methylphenol	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
4-Nitroaniline	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
4-Nitrophenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Acenaphthene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Acenaphthylene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Aniline	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Anthracene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzidine	ND		625		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzo[a]anthracene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzo[a]pyrene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzo[b]fluoranthene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzo[g,h,i]perylene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzo[k]fluoranthene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzoic acid	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Benzyl alcohol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Bis(2-chloroethoxy)methane	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Bis(2-chloroethyl)ether	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Bis(2-ethylhexyl) phthalate	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Butyl benzyl phthalate	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Chrysene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Dibenz(a,h)anthracene	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Dibenzofuran	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Diethyl phthalate	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Dimethyl phthalate	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Di-n-butyl phthalate	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Di-n-octyl phthalate	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Fluoranthene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Fluorene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Hexachlorobenzene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Hexachlorobutadiene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Hexachlorocyclopentadiene	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Hexachloroethane	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Indeno[1,2,3-cd]pyrene	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Isophorone	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Naphthalene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Nitrobenzene	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
N-Nitrosodi-n-propylamine	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
N-Nitrosodiphenylamine	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC003**

**Lab Sample ID: 440-94483-2**

Date Collected: 11/26/14 15:30

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10
Phenanthrene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Phenol	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
Pyrene	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
bis (2-chloroisopropyl) ether	ND		156		ug/L		12/01/14 18:12	12/04/14 15:14	10
N-Nitrosodimethylamine	ND		313		ug/L		12/01/14 18:12	12/04/14 15:14	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	40	X	50 - 120	12/01/14 18:12	12/04/14 15:14	10
2-Fluorophenol (Surr)	63		30 - 120	12/01/14 18:12	12/04/14 15:14	10
2,4,6-Tribromophenol (Surr)	66		40 - 120	12/01/14 18:12	12/04/14 15:14	10
Nitrobenzene-d5 (Surr)	70		45 - 120	12/01/14 18:12	12/04/14 15:14	10
Terphenyl-d14 (Surr)	6	X	37 - 144	12/01/14 18:12	12/04/14 15:14	10
Phenol-d6 (Surr)	72		35 - 120	12/01/14 18:12	12/04/14 15:14	10

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	19500		2500		ug/L			12/02/14 13:40	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		65 - 140		12/02/14 13:40	50

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	20.3		5.18		mg/L		12/02/14 06:45	12/02/14 17:40	10
C23-C40	ND		5.18		mg/L		12/02/14 06:45	12/02/14 17:40	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	83		45 - 120	12/02/14 06:45	12/02/14 17:40	10

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		25.0		mg/L			12/02/14 23:22	50
Nitrate as N	21.5	H	5.50		mg/L			12/02/14 23:22	50
Chloride	1570		250		mg/L			12/02/14 21:54	500
Nitrate Nitrite as N	21.5	H	7.50		mg/L			12/02/14 23:22	50
Fluoride	ND		25.0		mg/L			12/02/14 23:22	50
Nitrite as N	ND	H	7.50		mg/L			12/02/14 23:22	50
Nitrite as NO2	ND	H	25.0		mg/L			12/02/14 23:22	50
Sulfate	2550		250		mg/L			12/02/14 21:54	500
Nitrate as NO3	95.3	H	25.0		mg/L			12/02/14 23:22	50
Orthophosphate as P	ND	H	8.00		mg/L			12/02/14 23:22	50
Orthophosphorus as PO4	ND	H	25.0		mg/L			12/02/14 23:22	50

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Arsenic	0.0317		0.0200		mg/L		12/02/14 18:20	12/03/14 13:07	2
Barium	0.116		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Beryllium	ND		0.00400		mg/L		12/02/14 18:20	12/03/14 12:13	2
Cadmium	0.0904		0.0100		mg/L		12/02/14 18:20	12/03/14 12:13	2

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC003**

**Lab Sample ID: 440-94483-2**

Date Collected: 11/26/14 15:30

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 6010B - Metals (ICP) - Total Recoverable (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0475		0.0100		mg/L		12/02/14 18:20	12/03/14 12:13	2
Cobalt	0.0360		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Copper	0.278		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Lead	0.0308		0.0100		mg/L		12/02/14 18:20	12/03/14 12:27	2
Molybdenum	0.0824		0.0400		mg/L		12/02/14 18:20	12/03/14 12:13	2
Nickel	0.0428		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Selenium	0.0301		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Thallium	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Vanadium	0.107		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2
Zinc	16.3		0.0400		mg/L		12/02/14 18:20	12/03/14 12:13	2
Silver	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 12:13	2

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000800		mg/L		12/03/14 08:38	12/03/14 15:30	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	0.840	HF	0.100		mg/L			12/02/14 10:23	1

**Client Sample ID: SACA1126SD003**

**Lab Sample ID: 440-94483-3**

Date Collected: 11/26/14 15:20

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 41.4

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,1,1-Trichloroethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,1,1,2,2-Tetrachloroethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,1,1,2-Trichloroethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,1-Dichloroethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,1-Dichloroethene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,1-Dichloropropene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2,3-Trichlorobenzene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2,3-Trichloropropane	ND		24.2		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2,4-Trichlorobenzene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2,4-Trimethylbenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2-Dibromo-3-Chloropropane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2-Dibromoethane (EDB)	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2-Dichlorobenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2-Dichloroethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,2-Dichloropropane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,3,5-Trimethylbenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,3-Dichlorobenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,3-Dichloropropane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
1,4-Dichlorobenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
2,2-Dichloropropane	ND		9.67		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
2-Chlorotoluene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
4-Chlorotoluene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Benzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD003**

**Lab Sample ID: 440-94483-3**

**Date Collected: 11/26/14 15:20**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 41.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Bromochloromethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Bromodichloromethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Bromoform	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Bromomethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Carbon tetrachloride	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Chlorobenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Chloroethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
<b>Chloroform</b>	<b>113</b>		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Chloromethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
cis-1,2-Dichloroethene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
cis-1,3-Dichloropropene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Dibromochloromethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Dibromomethane	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Dichlorodifluoromethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Ethylbenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Hexachlorobutadiene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Isopropylbenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
m,p-Xylene	ND		9.67		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Methylene Chloride	ND		48.4		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Methyl-t-Butyl Ether (MTBE)	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Naphthalene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
n-Butylbenzene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
N-Propylbenzene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
o-Xylene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
sec-Butylbenzene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Styrene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Tert-amyl-methyl ether (TAME)	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
tert-Butylbenzene	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Tetrachloroethene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Toluene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
trans-1,2-Dichloroethene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
trans-1,3-Dichloropropene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Trichloroethene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Trichlorofluoromethane	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Vinyl chloride	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Xylenes, Total	ND		9.67		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Isopropyl Ether (DIPE)	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
Ethyl-t-butyl ether (ETBE)	ND		12.1		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
tert-Butyl alcohol (TBA)	ND		242		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1
p-Isopropyltoluene	ND		4.84		ug/Kg	☼	12/02/14 09:12	12/02/14 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		60 - 140	12/02/14 09:12	12/02/14 12:55	1
4-Bromofluorobenzene (Surr)	100		65 - 140	12/02/14 09:12	12/02/14 12:55	1
Dibromofluoromethane (Surr)	106		55 - 140	12/02/14 09:12	12/02/14 12:55	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD003**

**Lab Sample ID: 440-94483-3**

**Date Collected: 11/26/14 15:20**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 41.4**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
1,2-Diphenylhydrazine(as Azobenzene)	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
1,3-Dichlorobenzene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
1,4-Dichlorobenzene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,4,5-Trichlorophenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,4,6-Trichlorophenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,4-Dichlorophenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,4-Dimethylphenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,4-Dinitrophenol	ND		111000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,4-Dinitrotoluene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2,6-Dinitrotoluene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2-Chloronaphthalene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2-Chlorophenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2-Methylnaphthalene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2-Methylphenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2-Nitroaniline	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
2-Nitrophenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
3,3'-Dichlorobenzidine	ND		139000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
3-Nitroaniline	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4,6-Dinitro-2-methylphenol	ND		70500		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4-Bromophenyl phenyl ether	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4-Chloro-3-methylphenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4-Chloroaniline	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4-Chlorophenyl phenyl ether	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
3-Methylphenol + 4-Methylphenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4-Nitroaniline	ND		139000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
4-Nitrophenol	ND		139000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Acenaphthene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Acenaphthylene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Aniline	ND		70500		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Anthracene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzidine	ND		225000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzo[a]anthracene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzo[a]pyrene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzo[b]fluoranthene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzo[g,h,i]perylene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzo[k]fluoranthene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzoic acid	ND		139000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Benzyl alcohol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Bis(2-chloroethoxy)methane	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Bis(2-chloroethyl)ether	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Bis(2-ethylhexyl) phthalate	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Butyl benzyl phthalate	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Chrysene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Dibenz(a,h)anthracene	ND		70500		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Dibenzofuran	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Diethyl phthalate	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Dimethyl phthalate	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Di-n-butyl phthalate	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD003**

**Lab Sample ID: 440-94483-3**

Date Collected: 11/26/14 15:20

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 41.4

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Fluoranthene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Fluorene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Hexachlorobenzene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Hexachlorobutadiene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Hexachlorocyclopentadiene	ND		139000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Hexachloroethane	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Indeno[1,2,3-cd]pyrene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Isophorone	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Naphthalene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Nitrobenzene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
N-Nitrosodi-n-propylamine	ND		42000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
N-Nitrosodiphenylamine	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Pentachlorophenol	ND		139000		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Phenanthrene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Phenol	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
Pyrene	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
bis (2-chloroisopropyl) ether	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5
N-Nitrosodimethylamine	ND		55400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:34	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		35 - 120	12/01/14 16:52	12/03/14 13:34	5
2-Fluorophenol (Surr)	56		25 - 120	12/01/14 16:52	12/03/14 13:34	5
2,4,6-Tribromophenol (Surr)	83		35 - 125	12/01/14 16:52	12/03/14 13:34	5
Nitrobenzene-d5 (Surr)	61		30 - 120	12/01/14 16:52	12/03/14 13:34	5
Terphenyl-d14 (Surr)	59		40 - 135	12/01/14 16:52	12/03/14 13:34	5
Phenol-d6 (Surr)	83		35 - 120	12/01/14 16:52	12/03/14 13:34	5

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	4560000		967000		ug/Kg	☼	12/02/14 09:12	12/02/14 15:00	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		65 - 140	12/02/14 09:12	12/02/14 15:00	500

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	34100		1560		mg/Kg	☼	12/01/14 17:57	12/02/14 18:00	10
C23-C40	ND		1560		mg/Kg	☼	12/01/14 17:57	12/02/14 18:00	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	99		40 - 140	12/01/14 17:57	12/02/14 18:00	10

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1210		mg/Kg	☼		12/08/14 20:31	100
Nitrate as N	ND		266		mg/Kg	☼		12/08/14 20:31	100
Chloride	24300		1210		mg/Kg	☼		12/08/14 20:31	100
Nitrate Nitrite as N	ND		363		mg/Kg	☼		12/08/14 20:31	100
Fluoride	ND		1210		mg/Kg	☼		12/08/14 20:31	100
Nitrite as N	ND		363		mg/Kg	☼		12/08/14 20:31	100

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD003**

**Lab Sample ID: 440-94483-3**

Date Collected: 11/26/14 15:20

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 41.4

**Method: 300.0 - Anions, Ion Chromatography - Soluble (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as NO2	ND		1210		mg/Kg	☼		12/08/14 20:31	100
<b>Sulfate</b>	<b>67800</b>		1210		mg/Kg	☼		12/08/14 20:31	100
Nitrate as NO3	ND		1210		mg/Kg	☼		12/08/14 20:31	100
Orthophosphate as P	ND		387		mg/Kg	☼		12/08/14 20:31	100
Orthophosphorus as PO4	ND		1210		mg/Kg	☼		12/08/14 20:31	100

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		23.9		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Arsenic	ND		7.18		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
<b>Barium</b>	<b>112</b>		3.59		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Beryllium	ND		1.20		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Cadmium	ND		1.20		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
<b>Chromium</b>	<b>26.3</b>		2.39		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Cobalt	ND		2.39		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
<b>Copper</b>	<b>11.2</b>		4.79		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
<b>Lead</b>	<b>11.6</b>		4.79		mg/Kg	☼	12/01/14 15:00	12/02/14 12:06	5
Molybdenum	ND		4.79		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Nickel	ND		4.79		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Selenium	ND		7.18		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Thallium	ND		23.9		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
<b>Vanadium</b>	<b>7.63</b>		2.39		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
<b>Zinc</b>	<b>566</b>		12.0		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5
Silver	ND		3.59		mg/Kg	☼	12/01/14 15:00	12/02/14 10:37	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.446</b>		0.0474		mg/Kg	☼	12/01/14 17:04	12/02/14 13:49	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Percent Moisture</b>	<b>59</b>		0.10		%			12/18/14 15:48	1
<b>Percent Solids</b>	<b>41</b>		0.10		%			12/18/14 15:48	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chlorine, Total Residual</b>	<b>44.2</b>		10.0		mg/Kg			12/03/14 17:51	10

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

Date Collected: 11/26/14 15:50

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 84.8

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		30.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
1,1,1-Trichloroethane	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
1,1,2,2-Tetrachloroethane	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
1,1,2-Trichloroethane	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
1,1-Dichloroethane	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
1,1-Dichloroethene	ND		30.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
1,1-Dichloropropene	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

**Date Collected: 11/26/14 15:50**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 84.8**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2,3-Trichloropropane	ND		60.2		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2,4-Trichlorobenzene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2,4-Trimethylbenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2-Dibromo-3-Chloropropane	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2-Dibromoethane (EDB)	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2-Dichlorobenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2-Dichloroethane	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,2-Dichloropropane	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,3,5-Trimethylbenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,3-Dichlorobenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,3-Dichloropropane	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
1,4-Dichlorobenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
2,2-Dichloropropane	ND		24.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
2-Chlorotoluene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
4-Chlorotoluene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Benzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Bromobenzene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Bromochloromethane	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Bromodichloromethane	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Bromoform	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Bromomethane	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Carbon tetrachloride	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Chlorobenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Chloroethane	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Chloroform	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Chloromethane	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
cis-1,2-Dichloroethene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
cis-1,3-Dichloropropene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Dibromochloromethane	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Dibromomethane	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Dichlorodifluoromethane	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Ethylbenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Hexachlorobutadiene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Isopropylbenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
m,p-Xylene	ND		24.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
<b>Methylene Chloride</b>	<b>1280</b>		120		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Methyl-t-Butyl Ether (MTBE)	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Naphthalene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
n-Butylbenzene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
N-Propylbenzene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
o-Xylene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
sec-Butylbenzene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Styrene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Tert-amyl-methyl ether (TAME)	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
tert-Butylbenzene	ND		30.1		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Tetrachloroethene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
Toluene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1
trans-1,2-Dichloroethene	ND		12.0		ug/Kg	*	12/02/14 09:12	12/02/14 13:22	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

**Date Collected: 11/26/14 15:50**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 84.8**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
Trichloroethene	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
Trichlorofluoromethane	ND		30.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
Vinyl chloride	ND		30.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
Xylenes, Total	ND		24.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
Isopropyl Ether (DIPE)	ND		30.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
Ethyl-t-butyl ether (ETBE)	ND		30.1		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
tert-Butyl alcohol (TBA)	ND		602		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
p-Isopropyltoluene	ND		12.0		ug/Kg	☼	12/02/14 09:12	12/02/14 13:22	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Toluene-d8 (Surr)	108		60 - 140				12/02/14 09:12	12/02/14 13:22	1
4-Bromofluorobenzene (Surr)	100		65 - 140				12/02/14 09:12	12/02/14 13:22	1
Dibromofluoromethane (Surr)	113		55 - 140				12/02/14 09:12	12/02/14 13:22	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
1,2-Dichlorobenzene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
1,3-Dichlorobenzene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
1,4-Dichlorobenzene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,4,5-Trichlorophenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,4,6-Trichlorophenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,4-Dichlorophenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,4-Dimethylphenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,4-Dinitrophenol	ND		9050		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,4-Dinitrotoluene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2,6-Dinitrotoluene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2-Chloronaphthalene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2-Chlorophenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2-Methylnaphthalene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2-Methylphenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2-Nitroaniline	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
2-Nitrophenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
3,3'-Dichlorobenzidine	ND		11400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
3-Nitroaniline	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4,6-Dinitro-2-methylphenol	ND		5760		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4-Bromophenyl phenyl ether	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4-Chloro-3-methylphenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4-Chloroaniline	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4-Chlorophenyl phenyl ether	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
3-Methylphenol + 4-Methylphenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4-Nitroaniline	ND		11400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
4-Nitrophenol	ND		11400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Acenaphthene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Acenaphthylene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Aniline	ND		5760		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Anthracene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

**Date Collected: 11/26/14 15:50**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 84.8**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzidine	ND		18400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzo[a]anthracene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzo[a]pyrene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzo[b]fluoranthene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzo[g,h,i]perylene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzo[k]fluoranthene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzoic acid	ND		11400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Benzyl alcohol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Bis(2-chloroethoxy)methane	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Bis(2-chloroethyl)ether	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Bis(2-ethylhexyl) phthalate	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Butyl benzyl phthalate	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Chrysene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Dibenz(a,h)anthracene	ND		5760		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Dibenzofuran	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Diethyl phthalate	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Dimethyl phthalate	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Di-n-butyl phthalate	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Di-n-octyl phthalate	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Fluoranthene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Fluorene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Hexachlorobenzene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Hexachlorobutadiene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Hexachlorocyclopentadiene	ND		11400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Hexachloroethane	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Indeno[1,2,3-cd]pyrene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Isophorone	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Naphthalene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Nitrobenzene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
N-Nitrosodi-n-propylamine	ND		3430		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
N-Nitrosodiphenylamine	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Pentachlorophenol	ND		11400		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Phenanthrene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Phenol	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
Pyrene	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
bis (2-chloroisopropyl) ether	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1
N-Nitrosodimethylamine	ND		4530		ug/Kg	☼	12/01/14 16:52	12/03/14 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	96		35 - 120	12/01/14 16:52	12/03/14 13:57	1
2-Fluorophenol (Surr)	83		25 - 120	12/01/14 16:52	12/03/14 13:57	1
2,4,6-Tribromophenol (Surr)	102		35 - 125	12/01/14 16:52	12/03/14 13:57	1
Nitrobenzene-d5 (Surr)	88		30 - 120	12/01/14 16:52	12/03/14 13:57	1
Terphenyl-d14 (Surr)	75		40 - 135	12/01/14 16:52	12/03/14 13:57	1
Phenol-d6 (Surr)	92		35 - 120	12/01/14 16:52	12/03/14 13:57	1

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		481000		ug/Kg	☼	12/02/14 09:12	12/02/14 12:36	100

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

Date Collected: 11/26/14 15:50

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 84.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		65 - 140	12/02/14 09:12	12/02/14 12:36	100

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	382		61.4		mg/Kg	☼	12/01/14 17:57	12/02/14 11:36	1
C23-C40	155		61.4		mg/Kg	☼	12/01/14 17:57	12/02/14 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	106		40 - 140	12/01/14 17:57	12/02/14 11:36	1

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		590		mg/Kg	☼		12/08/14 21:07	100
Nitrate as N	ND		130		mg/Kg	☼		12/08/14 21:07	100
Chloride	1820		590		mg/Kg	☼		12/08/14 21:07	100
Nitrate Nitrite as N	ND		177		mg/Kg	☼		12/08/14 21:07	100
Fluoride	ND		590		mg/Kg	☼		12/08/14 21:07	100
Nitrite as N	ND		177		mg/Kg	☼		12/08/14 21:07	100
Nitrite as NO2	ND		590		mg/Kg	☼		12/08/14 21:07	100
Sulfate	1140000		59000		mg/Kg	☼		12/09/14 10:49	10000
Nitrate as NO3	ND		590		mg/Kg	☼		12/08/14 21:07	100
Orthophosphate as P	ND		189		mg/Kg	☼		12/08/14 21:07	100
Orthophosphorus as PO4	ND		590		mg/Kg	☼		12/08/14 21:07	100

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.7		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Arsenic	4.27		3.50		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Barium	203		1.75		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Beryllium	ND		0.584		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Cadmium	ND		0.584		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Chromium	40.7		1.17		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Cobalt	11.6		1.17		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Copper	26.4		2.34		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Lead	6.65		2.34		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Molybdenum	ND		2.34		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Nickel	25.1		2.34		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Selenium	ND		3.50		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Thallium	ND		11.7		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Vanadium	63.1		1.17		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Zinc	83.7		5.84		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5
Silver	ND		1.75		mg/Kg	☼	12/01/14 15:00	12/02/14 10:36	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0231		mg/Kg	☼	12/02/14 09:47	12/02/14 14:21	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	15		0.10		%			12/18/14 15:48	1
Percent Solids	85		0.10		%			12/18/14 15:48	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

Date Collected: 11/26/14 15:50

Matrix: Solid

Date Received: 11/28/14 09:23

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	31.9		5.14		mg/Kg			12/03/14 17:51	5

**Client Sample ID: SACA1126SD005**

**Lab Sample ID: 440-94483-5**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 72.9

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
1,1,1-Trichloroethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,1,2,2-Tetrachloroethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,1,2-Trichloroethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,1-Dichloroethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,1-Dichloroethene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
1,1-Dichloropropene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,2,3-Trichlorobenzene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
1,2,3-Trichloropropane	ND		66.0		ug/Kg	☼		12/03/14 00:54	1
1,2,4-Trichlorobenzene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
1,2,4-Trimethylbenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,2-Dibromo-3-Chloropropane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
1,2-Dibromoethane (EDB)	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,2-Dichlorobenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,2-Dichloroethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,2-Dichloropropane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,3,5-Trimethylbenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,3-Dichlorobenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,3-Dichloropropane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
1,4-Dichlorobenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
2,2-Dichloropropane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
2-Chlorotoluene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
4-Chlorotoluene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Benzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Bromobenzene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Bromochloromethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Bromodichloromethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Bromoform	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Bromomethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Carbon tetrachloride	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Chlorobenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Chloroethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Chloroform	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Chloromethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
cis-1,2-Dichloroethene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
cis-1,3-Dichloropropene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Dibromochloromethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Dibromomethane	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Dichlorodifluoromethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Ethylbenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Hexachlorobutadiene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Isopropylbenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD005**

**Lab Sample ID: 440-94483-5**

**Date Collected: 11/26/14 16:35**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 72.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		26.4		ug/Kg	☼		12/03/14 00:54	1
Methylene Chloride	ND		132		ug/Kg	☼		12/03/14 00:54	1
Methyl-t-Butyl Ether (MTBE)	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Naphthalene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
n-Butylbenzene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
N-Propylbenzene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
o-Xylene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
sec-Butylbenzene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Styrene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Tert-amyl-methyl ether (TAME)	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
tert-Butylbenzene	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Tetrachloroethene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Toluene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
trans-1,2-Dichloroethene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
trans-1,3-Dichloropropene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Trichloroethene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1
Trichlorofluoromethane	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Vinyl chloride	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Xylenes, Total	ND		26.4		ug/Kg	☼		12/03/14 00:54	1
Isopropyl Ether (DIPE)	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
Ethyl-t-butyl ether (ETBE)	ND		33.0		ug/Kg	☼		12/03/14 00:54	1
tert-Butyl alcohol (TBA)	ND		660		ug/Kg	☼		12/03/14 00:54	1
p-Isopropyltoluene	ND		13.2		ug/Kg	☼		12/03/14 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		79 - 123		12/03/14 00:54	1
4-Bromofluorobenzene (Surr)	109		79 - 120		12/03/14 00:54	1
Dibromofluoromethane (Surr)	2	X	60 - 120		12/03/14 00:54	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
1,2-Dichlorobenzene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
1,3-Dichlorobenzene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
1,4-Dichlorobenzene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,4,5-Trichlorophenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,4,6-Trichlorophenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,4-Dichlorophenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,4-Dimethylphenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,4-Dinitrophenol	ND		12100		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,4-Dinitrotoluene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2,6-Dinitrotoluene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2-Chloronaphthalene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2-Chlorophenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2-Methylnaphthalene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2-Methylphenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2-Nitroaniline	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
2-Nitrophenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD005**

**Lab Sample ID: 440-94483-5**

**Date Collected: 11/26/14 16:35**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 72.9**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		15300		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
3-Nitroaniline	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4,6-Dinitro-2-methylphenol	ND		7720		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4-Bromophenyl phenyl ether	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4-Chloro-3-methylphenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4-Chloroaniline	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4-Chlorophenyl phenyl ether	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
3-Methylphenol + 4-Methylphenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4-Nitroaniline	ND		15300		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
4-Nitrophenol	ND		15300		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Acenaphthene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Acenaphthylene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Aniline	ND		7720		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Anthracene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzidine	ND		24600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzo[a]anthracene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzo[a]pyrene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzo[b]fluoranthene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzo[g,h,i]perylene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzo[k]fluoranthene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzoic acid	ND		15300		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Benzyl alcohol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Bis(2-chloroethoxy)methane	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Bis(2-chloroethyl)ether	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Bis(2-ethylhexyl) phthalate	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Butyl benzyl phthalate	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Chrysene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Dibenz(a,h)anthracene	ND		7720		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Dibenzofuran	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Diethyl phthalate	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Dimethyl phthalate	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Di-n-butyl phthalate	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Di-n-octyl phthalate	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Fluoranthene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Fluorene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Hexachlorobenzene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Hexachlorobutadiene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Hexachlorocyclopentadiene	ND		15300		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Hexachloroethane	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Indeno[1,2,3-cd]pyrene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Isophorone	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Naphthalene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Nitrobenzene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
N-Nitrosodi-n-propylamine	ND		4590		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
N-Nitrosodiphenylamine	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Pentachlorophenol	ND		15300		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Phenanthrene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Phenol	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Pyrene	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD005**

**Lab Sample ID: 440-94483-5**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 72.9

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
bis (2-chloroisopropyl) ether	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
N-Nitrosodimethylamine	ND		6070		ug/Kg	☼	12/01/14 16:52	12/03/14 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	81		35 - 120				12/01/14 16:52	12/03/14 14:19	1
2-Fluorophenol (Surr)	66		25 - 120				12/01/14 16:52	12/03/14 14:19	1
2,4,6-Tribromophenol (Surr)	55		35 - 125				12/01/14 16:52	12/03/14 14:19	1
Nitrobenzene-d5 (Surr)	65		30 - 120				12/01/14 16:52	12/03/14 14:19	1
Terphenyl-d14 (Surr)	67		40 - 135				12/01/14 16:52	12/03/14 14:19	1
Phenol-d6 (Surr)	83		35 - 120				12/01/14 16:52	12/03/14 14:19	1

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>GRO (C4-C12)</b>	<b>23800</b>		2860		ug/Kg	☼		12/02/14 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		65 - 140					12/02/14 13:05	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>C13-C22</b>	<b>647</b>		76.2		mg/Kg	☼	12/01/14 17:57	12/02/14 15:52	1
<b>C23-C40</b>	<b>1200</b>		76.2		mg/Kg	☼	12/01/14 17:57	12/02/14 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	74		40 - 140				12/01/14 17:57	12/02/14 15:52	1

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		68.6		mg/Kg	☼		12/09/14 11:06	10
<b>Nitrate as N</b>	<b>656</b>		151		mg/Kg	☼		12/08/14 22:17	100
<b>Chloride</b>	<b>9400</b>		686		mg/Kg	☼		12/08/14 22:17	100
<b>Nitrate Nitrite as N</b>	<b>656</b>		206		mg/Kg	☼		12/08/14 22:17	100
Fluoride	ND		68.6		mg/Kg	☼		12/09/14 11:06	10
Nitrite as N	ND		20.6		mg/Kg	☼		12/09/14 11:06	10
Nitrite as NO2	ND		68.6		mg/Kg	☼		12/09/14 11:06	10
<b>Sulfate</b>	<b>6410</b>		686		mg/Kg	☼		12/08/14 22:17	100
<b>Nitrate as NO3</b>	<b>2900</b>		686		mg/Kg	☼		12/08/14 22:17	100
<b>Orthophosphate as P</b>	<b>23.6</b>		22.0		mg/Kg	☼		12/09/14 11:06	10
<b>Orthophosphorus as PO4</b>	<b>72.2</b>		68.6		mg/Kg	☼		12/09/14 11:06	10

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.6		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
Arsenic	ND		4.08		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Barium</b>	<b>2380</b>		2.04		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
Beryllium	ND		0.679		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
Cadmium	ND		0.679		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Chromium</b>	<b>29.7</b>		1.36		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Cobalt</b>	<b>2.87</b>		1.36		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Copper</b>	<b>18.0</b>		2.72		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Lead</b>	<b>8.49</b>		2.72		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD005**

**Lab Sample ID: 440-94483-5**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 72.9

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		2.72		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Nickel</b>	<b>21.7</b>		2.72		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
Selenium	ND		4.08		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
Thallium	ND		13.6		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Vanadium</b>	<b>23.7</b>		1.36		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
<b>Zinc</b>	<b>118</b>		6.79		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5
Silver	ND		2.04		mg/Kg	☼	12/01/14 15:00	12/02/14 10:34	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.0844</b>		0.0274		mg/Kg	☼	12/02/14 09:47	12/02/14 14:24	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Percent Moisture</b>	<b>27</b>		0.10		%			12/18/14 15:48	1
<b>Percent Solids</b>	<b>73</b>		0.10		%			12/18/14 15:48	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	ND		1.00		mg/Kg			12/03/14 17:51	1

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 70.4

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
1,1,1-Trichloroethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,1,2,2-Tetrachloroethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,1,2-Trichloroethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,1-Dichloroethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,1-Dichloroethene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
1,1-Dichloropropene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,2,3-Trichlorobenzene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
1,2,3-Trichloropropane	ND		28.2		ug/Kg	☼		12/03/14 01:23	1
1,2,4-Trichlorobenzene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
1,2,4-Trimethylbenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,2-Dibromo-3-Chloropropane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
1,2-Dibromoethane (EDB)	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,2-Dichlorobenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,2-Dichloroethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,2-Dichloropropane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,3,5-Trimethylbenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,3-Dichlorobenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,3-Dichloropropane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
1,4-Dichlorobenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
2,2-Dichloropropane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
2-Chlorotoluene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
4-Chlorotoluene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

**Date Collected: 11/26/14 16:35**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 70.4**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Bromobenzene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Bromochloromethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Bromodichloromethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Bromoform	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Bromomethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Carbon tetrachloride	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Chlorobenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Chloroethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Chloroform	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Chloromethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
cis-1,2-Dichloroethene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
cis-1,3-Dichloropropene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Dibromochloromethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Dibromomethane	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Dichlorodifluoromethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Ethylbenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Hexachlorobutadiene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Isopropylbenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
m,p-Xylene	ND		11.3		ug/Kg	☼		12/03/14 01:23	1
Methylene Chloride	ND		56.4		ug/Kg	☼		12/03/14 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Naphthalene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
n-Butylbenzene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
N-Propylbenzene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
o-Xylene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
sec-Butylbenzene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Styrene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Tert-amyl-methyl ether (TAME)	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
tert-Butylbenzene	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Tetrachloroethene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Toluene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
trans-1,2-Dichloroethene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
trans-1,3-Dichloropropene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Trichloroethene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Trichlorofluoromethane	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Vinyl chloride	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Xylenes, Total	ND		11.3		ug/Kg	☼		12/03/14 01:23	1
Isopropyl Ether (DIPE)	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
Ethyl-t-butyl ether (ETBE)	ND		14.1		ug/Kg	☼		12/03/14 01:23	1
tert-Butyl alcohol (TBA)	ND		282		ug/Kg	☼		12/03/14 01:23	1
p-Isopropyltoluene	ND		5.64		ug/Kg	☼		12/03/14 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	109		79 - 123					12/03/14 01:23	1
4-Bromofluorobenzene (Surr)	104		79 - 120					12/03/14 01:23	1
Dibromofluoromethane (Surr)	3	X	60 - 120					12/03/14 01:23	1

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

**Date Collected: 11/26/14 16:35**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 70.4**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
1,2-Dichlorobenzene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
1,3-Dichlorobenzene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
1,4-Dichlorobenzene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,4,5-Trichlorophenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,4,6-Trichlorophenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,4-Dichlorophenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,4-Dimethylphenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,4-Dinitrophenol	ND		10800		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,4-Dinitrotoluene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2,6-Dinitrotoluene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2-Chloronaphthalene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2-Chlorophenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2-Methylnaphthalene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2-Methylphenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2-Nitroaniline	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
2-Nitrophenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
3,3'-Dichlorobenzidine	ND		13600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
3-Nitroaniline	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4,6-Dinitro-2-methylphenol	ND		6880		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4-Bromophenyl phenyl ether	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4-Chloro-3-methylphenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4-Chloroaniline	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4-Chlorophenyl phenyl ether	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
3-Methylphenol + 4-Methylphenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4-Nitroaniline	ND		13600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
4-Nitrophenol	ND		13600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Acenaphthene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Acenaphthylene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Aniline	ND		6880		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Anthracene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzidine	ND		22000		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzo[a]anthracene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzo[a]pyrene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzo[b]fluoranthene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzo[g,h,i]perylene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzo[k]fluoranthene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzoic acid	ND		13600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Benzyl alcohol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Bis(2-chloroethoxy)methane	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Bis(2-chloroethyl)ether	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Bis(2-ethylhexyl) phthalate	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Butyl benzyl phthalate	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Chrysene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Dibenz(a,h)anthracene	ND		6880		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Dibenzofuran	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Diethyl phthalate	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Dimethyl phthalate	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

**Date Collected: 11/26/14 16:35**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 70.4**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Di-n-octyl phthalate	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Fluoranthene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Fluorene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Hexachlorobenzene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Hexachlorobutadiene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Hexachlorocyclopentadiene	ND		13600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Hexachloroethane	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Indeno[1,2,3-cd]pyrene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Isophorone	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Naphthalene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Nitrobenzene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
N-Nitrosodi-n-propylamine	ND		4100		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
N-Nitrosodiphenylamine	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Pentachlorophenol	ND		13600		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Phenanthrene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Phenol	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
Pyrene	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
bis (2-chloroisopropyl) ether	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1
N-Nitrosodimethylamine	ND		5410		ug/Kg	☼	12/01/14 16:52	12/03/14 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	98		35 - 120	12/01/14 16:52	12/03/14 14:42	1
2-Fluorophenol (Surr)	87		25 - 120	12/01/14 16:52	12/03/14 14:42	1
2,4,6-Tribromophenol (Surr)	39		35 - 125	12/01/14 16:52	12/03/14 14:42	1
Nitrobenzene-d5 (Surr)	84		30 - 120	12/01/14 16:52	12/03/14 14:42	1
Terphenyl-d14 (Surr)	73		40 - 135	12/01/14 16:52	12/03/14 14:42	1
Phenol-d6 (Surr)	96		35 - 120	12/01/14 16:52	12/03/14 14:42	1

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	4050		1150		ug/Kg	☼		12/02/14 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		65 - 140		12/02/14 13:34	1

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	967		87.3		mg/Kg	☼	12/01/14 17:57	12/02/14 15:32	1
C23-C40	657		87.3		mg/Kg	☼	12/01/14 17:57	12/02/14 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	57		40 - 140	12/01/14 17:57	12/02/14 15:32	1

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	87.0		70.5		mg/Kg	☼		12/09/14 11:24	10
Nitrate as N	856		155		mg/Kg	☼		12/08/14 22:52	100
Chloride	8580		705		mg/Kg	☼		12/08/14 22:52	100
Nitrate Nitrite as N	856		211		mg/Kg	☼		12/08/14 22:52	100
Fluoride	ND		70.5		mg/Kg	☼		12/09/14 11:24	10

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 70.4

**Method: 300.0 - Anions, Ion Chromatography - Soluble (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		21.1		mg/Kg	☼		12/09/14 11:24	10
Nitrite as NO2	ND		70.5		mg/Kg	☼		12/09/14 11:24	10
<b>Sulfate</b>	<b>4090</b>		705		mg/Kg	☼		12/08/14 22:52	100
<b>Nitrate as NO3</b>	<b>3790</b>		705		mg/Kg	☼		12/08/14 22:52	100
Orthophosphate as P	ND		22.6		mg/Kg	☼		12/09/14 11:24	10
Orthophosphorus as PO4	ND		70.5		mg/Kg	☼		12/09/14 11:24	10

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		28.1		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Arsenic</b>	<b>8.65</b>		8.44		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Barium</b>	<b>1870</b>		4.22		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
Beryllium	ND		1.41		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
Cadmium	ND		1.41		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Chromium</b>	<b>28.0</b>		2.81		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Cobalt</b>	<b>4.46</b>		2.81		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Copper</b>	<b>29.2</b>		5.63		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Lead</b>	<b>16.8</b>		5.63		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
Molybdenum	ND		5.63		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Nickel</b>	<b>21.0</b>		5.63		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
Selenium	ND		8.44		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
Thallium	ND		28.1		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Vanadium</b>	<b>40.9</b>		2.81		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
<b>Zinc</b>	<b>140</b>		14.1		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10
Silver	ND		4.22		mg/Kg	☼	12/01/14 15:00	12/02/14 11:01	10

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.0915</b>		0.0284		mg/Kg	☼	12/02/14 09:47	12/02/14 14:26	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Percent Moisture</b>	<b>30</b>		0.10		%			12/18/14 15:48	1
<b>Percent Solids</b>	<b>70</b>		0.10		%			12/18/14 15:48	1

**General Chemistry - Soluble**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorine, Total Residual	ND		0.999		mg/Kg			12/03/14 17:51	1

**Client Sample ID: SACA1123TB007**

**Lab Sample ID: 440-94483-7**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/02/14 10:07	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/02/14 10:07	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			12/02/14 10:07	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/02/14 10:07	1
1,1-Dichloroethane	ND		2.00		ug/L			12/02/14 10:07	1
1,1-Dichloroethene	ND		5.00		ug/L			12/02/14 10:07	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1123TB007**

**Lab Sample ID: 440-94483-7**

**Date Collected: 11/23/14 00:01**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		2.00		ug/L			12/02/14 10:07	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/02/14 10:07	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/02/14 10:07	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/02/14 10:07	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/02/14 10:07	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/02/14 10:07	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/02/14 10:07	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/02/14 10:07	1
1,2-Dichloroethane	ND		2.00		ug/L			12/02/14 10:07	1
1,2-Dichloropropane	ND		2.00		ug/L			12/02/14 10:07	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/02/14 10:07	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/02/14 10:07	1
1,3-Dichloropropane	ND		2.00		ug/L			12/02/14 10:07	1
1,4-Dichlorobenzene	ND		2.00		ug/L			12/02/14 10:07	1
2,2-Dichloropropane	ND		2.00		ug/L			12/02/14 10:07	1
2-Chlorotoluene	ND		5.00		ug/L			12/02/14 10:07	1
4-Chlorotoluene	ND		5.00		ug/L			12/02/14 10:07	1
Benzene	ND		2.00		ug/L			12/02/14 10:07	1
Bromobenzene	ND		5.00		ug/L			12/02/14 10:07	1
Bromochloromethane	ND		5.00		ug/L			12/02/14 10:07	1
Bromodichloromethane	ND		2.00		ug/L			12/02/14 10:07	1
Bromoform	ND		5.00		ug/L			12/02/14 10:07	1
Bromomethane	ND		5.00		ug/L			12/02/14 10:07	1
Carbon tetrachloride	ND		5.00		ug/L			12/02/14 10:07	1
Chlorobenzene	ND		2.00		ug/L			12/02/14 10:07	1
Chloroethane	ND		5.00		ug/L			12/02/14 10:07	1
Chloroform	ND		2.00		ug/L			12/02/14 10:07	1
Chloromethane	ND		5.00		ug/L			12/02/14 10:07	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 10:07	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 10:07	1
Dibromochloromethane	ND		2.00		ug/L			12/02/14 10:07	1
Dibromomethane	ND		2.00		ug/L			12/02/14 10:07	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/02/14 10:07	1
Ethylbenzene	ND		2.00		ug/L			12/02/14 10:07	1
Hexachlorobutadiene	ND		5.00		ug/L			12/02/14 10:07	1
Isopropylbenzene	ND		2.00		ug/L			12/02/14 10:07	1
m,p-Xylene	ND		2.00		ug/L			12/02/14 10:07	1
Methylene Chloride	ND		5.00		ug/L			12/02/14 10:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/02/14 10:07	1
Naphthalene	ND		5.00		ug/L			12/02/14 10:07	1
n-Butylbenzene	ND		5.00		ug/L			12/02/14 10:07	1
N-Propylbenzene	ND		2.00		ug/L			12/02/14 10:07	1
o-Xylene	ND		2.00		ug/L			12/02/14 10:07	1
sec-Butylbenzene	ND		5.00		ug/L			12/02/14 10:07	1
Styrene	ND		2.00		ug/L			12/02/14 10:07	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/02/14 10:07	1
tert-Butylbenzene	ND		5.00		ug/L			12/02/14 10:07	1
Tetrachloroethene	ND		2.00		ug/L			12/02/14 10:07	1
Toluene	ND		2.00		ug/L			12/02/14 10:07	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1123TB007**

**Lab Sample ID: 440-94483-7**

**Date Collected: 11/23/14 00:01**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 10:07	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 10:07	1
Trichloroethene	ND		2.00		ug/L			12/02/14 10:07	1
Trichlorofluoromethane	ND		5.00		ug/L			12/02/14 10:07	1
Vinyl chloride	ND		5.00		ug/L			12/02/14 10:07	1
Xylenes, Total	ND		2.00		ug/L			12/02/14 10:07	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/02/14 10:07	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/02/14 10:07	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			12/02/14 10:07	1
p-Isopropyltoluene	ND		2.00		ug/L			12/02/14 10:07	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Toluene-d8 (Surr)	112		80 - 128					12/02/14 10:07	1
4-Bromofluorobenzene (Surr)	109		80 - 120					12/02/14 10:07	1
Dibromofluoromethane (Surr)	106		76 - 132					12/02/14 10:07	1

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

**Date Collected: 11/26/14 15:20**

**Matrix: Waste**

**Date Received: 11/28/14 09:23**

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Styrene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
cis-1,3-Dichloropropene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
trans-1,3-Dichloropropene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
N-Propylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
n-Butylbenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
4-Chlorotoluene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,4-Dichlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2-Dibromoethane (EDB)	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2-Dichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Isopropyl Ether (DIPE)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,3,5-Trimethylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Bromobenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Toluene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Chlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2,4-Trichlorobenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Dibromochloromethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Tetrachloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Xylenes, Total	ND		18.9		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
sec-Butylbenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
m,p-Xylene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,3-Dichloropropane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
cis-1,2-Dichloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
trans-1,2-Dichloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Methyl-t-Butyl Ether (MTBE)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,3-Dichlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Carbon tetrachloride	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1-Dichloropropene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

Date Collected: 11/26/14 15:20

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1,1,2-Tetrachloroethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Ethyl-t-butyl ether (ETBE)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Chloroform	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Benzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1,1-Trichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Bromomethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Chloromethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Dibromomethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Bromochloromethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Chloroethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Vinyl chloride	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Methylene Chloride	ND		94.3		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Bromoform	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Bromodichloromethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1-Dichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1-Dichloroethene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
tert-Butyl alcohol (TBA)	ND		472		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Trichlorofluoromethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Dichlorodifluoromethane	ND *		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2-Dichloropropane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1,2-Trichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Trichloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,1,2,2-Tetrachloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2,3-Trichlorobenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Hexachlorobutadiene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Naphthalene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
o-Xylene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
2-Chlorotoluene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2-Dichlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2,4-Trimethylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2-Dibromo-3-Chloropropane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
1,2,3-Trichloropropane	ND		47.2		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
tert-Butylbenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Isopropylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Tert-amyl-methyl ether (TAME)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
p-Isopropyltoluene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		60 - 140				12/02/14 09:12	12/02/14 13:48	1
4-Bromofluorobenzene (Surr)	105		65 - 140				12/02/14 09:12	12/02/14 13:48	1
Dibromofluoromethane (Surr)	110		55 - 140				12/02/14 09:12	12/02/14 13:48	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Acenaphthylene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Aniline	ND		656		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Anthracene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzidine	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

**Date Collected: 11/26/14 15:20**

**Matrix: Waste**

**Date Received: 11/28/14 09:23**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzoic acid	ND		4690		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzo[b]fluoranthene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzo[k]fluoranthene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzyl alcohol	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Bis(2-chloroethoxy)methane	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Bis(2-chloroethyl)ether	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
4-Bromophenyl phenyl ether	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Butyl benzyl phthalate	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,4-Dimethylphenol	ND	*	938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Dimethyl phthalate	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
4,6-Dinitro-2-methylphenol	ND		1880		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,4-Dinitrophenol	ND		4690		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,4-Dinitrotoluene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,6-Dinitrotoluene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
1,2-Diphenylhydrazine(as Azobenzene)	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Fluoranthene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Fluorene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Hexachlorobenzene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Hexachlorobutadiene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Hexachlorocyclopentadiene	ND		1880		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Hexachloroethane	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
N-Nitrosodiphenylamine	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
N-Nitrosodi-n-propylamine	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
1,4-Dichlorobenzene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2-Chloronaphthalene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2-Chlorophenol	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
4-Chlorophenyl phenyl ether	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Chrysene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Dibenz(a,h)anthracene	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Dibenzofuran	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzo[g,h,i]perylene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Benzo[a]pyrene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Di-n-butyl phthalate	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
1,2-Dichlorobenzene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
1,3-Dichlorobenzene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
3,3'-Dichlorobenzidine	ND		1880		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,4-Dichlorophenol	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Diethyl phthalate	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Indeno[1,2,3-cd]pyrene	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Isophorone	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2-Methylnaphthalene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2-Methylphenol	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Naphthalene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2-Nitroaniline	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
3-Nitroaniline	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
4-Nitroaniline	ND		1220		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Nitrobenzene	ND	*	1880		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2-Nitrophenol	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

Date Collected: 11/26/14 15:20

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		4690		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Pyrene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Pentachlorophenol	ND		1880		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Phenanthrene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
1,2,4-Trichlorobenzene	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,4,5-Trichlorophenol	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
2,4,6-Trichlorophenol	ND	*	938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Phenol	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
3-Methylphenol + 4-Methylphenol	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
N-Nitrosodimethylamine	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
4-Chloroaniline	ND		469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Bis(2-ethylhexyl) phthalate	ND		2340		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Di-n-octyl phthalate	ND		1880		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
4-Chloro-3-methylphenol	ND		938		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
bis (2-chloroisopropyl) ether	ND	*	469		mg/Kg		12/01/14 19:58	12/03/14 17:44	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	135	X	70 - 130				12/01/14 19:58	12/03/14 17:44	20
2-Fluorophenol (Surr)	99		70 - 130				12/01/14 19:58	12/03/14 17:44	20
Nitrobenzene-d5 (Surr)	109		70 - 130				12/01/14 19:58	12/03/14 17:44	20
Terphenyl-d14 (Surr)	128		70 - 130				12/01/14 19:58	12/03/14 17:44	20
2,4,6-Tribromophenol (Surr)	123		70 - 130				12/01/14 19:58	12/03/14 17:44	20
Phenol-d6 (Surr)	161	X	70 - 130				12/01/14 19:58	12/03/14 17:44	20

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>GRO (C4-C12)</b>	<b>1190000</b>		189000		ug/Kg		12/02/14 09:12	12/02/14 14:19	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		65 - 140				12/02/14 09:12	12/02/14 14:19	100

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C23-C40	ND		14000		mg/Kg		12/01/14 19:51	12/01/14 22:55	10
C13-C22	ND		14000		mg/Kg		12/01/14 19:51	12/01/14 22:55	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Octacosane	2	X	70 - 130				12/01/14 19:51	12/01/14 22:55	10

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		50000		mg/Kg			12/08/14 23:28	1000
Nitrate as N	ND		11000		mg/Kg			12/08/14 23:28	1000
<b>Chloride</b>	<b>71200</b>		50000		mg/Kg			12/08/14 23:28	1000
Nitrate Nitrite as N	ND		15000		mg/Kg			12/08/14 23:28	1000
Fluoride	ND		50000		mg/Kg			12/08/14 23:28	1000
Nitrite as N	ND		15000		mg/Kg			12/08/14 23:28	1000
Nitrite as NO2	ND		50000		mg/Kg			12/08/14 23:28	1000
Sulfate	ND		50000		mg/Kg			12/08/14 23:28	1000
Nitrate as NO3	ND		50000		mg/Kg			12/08/14 23:28	1000
Orthophosphate as P	ND		16000		mg/Kg			12/08/14 23:28	1000

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

Date Collected: 11/26/14 15:20

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 300.0 - Anions, Ion Chromatography - Soluble (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Orthophosphorus as PO4	ND		50000		mg/Kg			12/08/14 23:28	1000

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.95		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Selenium	ND		2.99		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Molybdenum	ND		1.99		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Lead	ND		1.99		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Zinc	ND		4.98		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Vanadium	ND		0.995		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Thallium	ND		9.95		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Nickel	ND		1.99		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
<b>Copper</b>	<b>2.73</b>		1.99		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Cobalt	ND		0.995		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Chromium	ND		0.995		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Cadmium	ND		0.498		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Beryllium	ND		0.498		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Barium	ND		1.49		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Arsenic	ND		2.99		mg/Kg		12/01/14 15:00	12/02/14 10:39	5
Silver	ND		1.49		mg/Kg		12/01/14 15:00	12/02/14 10:39	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0200		mg/Kg		12/01/14 17:04	12/02/14 13:52	1

**Client Sample ID: SACA1126TT011**

**Lab Sample ID: 440-94483-11**

Date Collected: 11/26/14 15:40

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/02/14 11:36	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/02/14 11:36	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			12/02/14 11:36	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/02/14 11:36	1
1,1-Dichloroethane	ND		2.00		ug/L			12/02/14 11:36	1
1,1-Dichloroethene	ND		5.00		ug/L			12/02/14 11:36	1
1,1-Dichloropropene	ND		2.00		ug/L			12/02/14 11:36	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/02/14 11:36	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/02/14 11:36	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/02/14 11:36	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/02/14 11:36	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/02/14 11:36	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/02/14 11:36	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/02/14 11:36	1
1,2-Dichloroethane	ND		2.00		ug/L			12/02/14 11:36	1
1,2-Dichloropropane	ND		2.00		ug/L			12/02/14 11:36	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/02/14 11:36	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/02/14 11:36	1
1,3-Dichloropropane	ND		2.00		ug/L			12/02/14 11:36	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT011**

**Lab Sample ID: 440-94483-11**

Date Collected: 11/26/14 15:40

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		2.00		ug/L			12/02/14 11:36	1
2,2-Dichloropropane	ND		2.00		ug/L			12/02/14 11:36	1
2-Chlorotoluene	ND		5.00		ug/L			12/02/14 11:36	1
4-Chlorotoluene	ND		5.00		ug/L			12/02/14 11:36	1
Benzene	ND		2.00		ug/L			12/02/14 11:36	1
Bromobenzene	ND		5.00		ug/L			12/02/14 11:36	1
Bromochloromethane	ND		5.00		ug/L			12/02/14 11:36	1
Bromodichloromethane	ND		2.00		ug/L			12/02/14 11:36	1
<b>Bromoform</b>	<b>18.6</b>		5.00		ug/L			12/02/14 11:36	1
Bromomethane	ND		5.00		ug/L			12/02/14 11:36	1
Carbon tetrachloride	ND		5.00		ug/L			12/02/14 11:36	1
Chlorobenzene	ND		2.00		ug/L			12/02/14 11:36	1
Chloroethane	ND		5.00		ug/L			12/02/14 11:36	1
Chloroform	ND		2.00		ug/L			12/02/14 11:36	1
Chloromethane	ND		5.00		ug/L			12/02/14 11:36	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 11:36	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 11:36	1
<b>Dibromochloromethane</b>	<b>3.12</b>		2.00		ug/L			12/02/14 11:36	1
Dibromomethane	ND		2.00		ug/L			12/02/14 11:36	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/02/14 11:36	1
Ethylbenzene	ND		2.00		ug/L			12/02/14 11:36	1
Hexachlorobutadiene	ND		5.00		ug/L			12/02/14 11:36	1
Isopropylbenzene	ND		2.00		ug/L			12/02/14 11:36	1
m,p-Xylene	ND		2.00		ug/L			12/02/14 11:36	1
Methylene Chloride	ND		5.00		ug/L			12/02/14 11:36	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/02/14 11:36	1
Naphthalene	ND		5.00		ug/L			12/02/14 11:36	1
n-Butylbenzene	ND		5.00		ug/L			12/02/14 11:36	1
N-Propylbenzene	ND		2.00		ug/L			12/02/14 11:36	1
o-Xylene	ND		2.00		ug/L			12/02/14 11:36	1
sec-Butylbenzene	ND		5.00		ug/L			12/02/14 11:36	1
Styrene	ND		2.00		ug/L			12/02/14 11:36	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/02/14 11:36	1
tert-Butylbenzene	ND		5.00		ug/L			12/02/14 11:36	1
Tetrachloroethene	ND		2.00		ug/L			12/02/14 11:36	1
Toluene	ND		2.00		ug/L			12/02/14 11:36	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 11:36	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 11:36	1
Trichloroethene	ND		2.00		ug/L			12/02/14 11:36	1
Trichlorofluoromethane	ND		5.00		ug/L			12/02/14 11:36	1
Vinyl chloride	ND		5.00		ug/L			12/02/14 11:36	1
Xylenes, Total	ND		2.00		ug/L			12/02/14 11:36	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/02/14 11:36	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/02/14 11:36	1
<b>tert-Butyl alcohol (TBA)</b>	<b>65.9</b>		10.0		ug/L			12/02/14 11:36	1
p-Isopropyltoluene	ND		2.00		ug/L			12/02/14 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	25	X	80 - 128		12/02/14 11:36	1
4-Bromofluorobenzene (Surr)	110		80 - 120		12/02/14 11:36	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT011**

**Lab Sample ID: 440-94483-11**

Date Collected: 11/26/14 15:40

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	112		76 - 132		12/02/14 11:36	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
1,2-Dichlorobenzene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
1,2-Diphenylhydrazine(as Azobenzene)	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
1,3-Dichlorobenzene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
1,4-Dichlorobenzene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,4,5-Trichlorophenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,4,6-Trichlorophenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,4-Dichlorophenol	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,4-Dimethylphenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,4-Dinitrophenol	ND		234		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,4-Dinitrotoluene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2,6-Dinitrotoluene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2-Chloronaphthalene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2-Chlorophenol	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2-Methylnaphthalene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2-Methylphenol	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
2-Nitroaniline	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
2-Nitrophenol	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
3,3'-Dichlorobenzidine	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
3-Nitroaniline	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
4,6-Dinitro-2-methylphenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
4-Bromophenyl phenyl ether	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
4-Chloro-3-methylphenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
4-Chloroaniline	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
4-Chlorophenyl phenyl ether	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
3-Methylphenol + 4-Methylphenol	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
4-Nitroaniline	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
4-Nitrophenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Acenaphthene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Acenaphthylene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Aniline	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Anthracene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzidine	ND		234		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzo[a]anthracene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzo[a]pyrene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzo[b]fluoranthene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzo[g,h,i]perylene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzo[k]fluoranthene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzoic acid	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Benzyl alcohol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Bis(2-chloroethoxy)methane	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Bis(2-chloroethyl)ether	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Bis(2-ethylhexyl) phthalate	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Butyl benzyl phthalate	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT011**

**Lab Sample ID: 440-94483-11**

Date Collected: 11/26/14 15:40

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Dibenz(a,h)anthracene	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Dibenzofuran	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Diethyl phthalate	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Dimethyl phthalate	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Di-n-butyl phthalate	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Di-n-octyl phthalate	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Fluoranthene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Fluorene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Hexachlorobenzene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Hexachlorobutadiene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Hexachlorocyclopentadiene	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Hexachloroethane	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Indeno[1,2,3-cd]pyrene	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Isophorone	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Naphthalene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Nitrobenzene	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
N-Nitrosodi-n-propylamine	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
N-Nitrosodiphenylamine	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Pentachlorophenol	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4
Phenanthrene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Phenol	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
Pyrene	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
bis (2-chloroisopropyl) ether	ND		58.4		ug/L		12/01/14 18:12	12/04/14 12:05	4
N-Nitrosodimethylamine	ND		117		ug/L		12/01/14 18:12	12/04/14 12:05	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		50 - 120	12/01/14 18:12	12/04/14 12:05	4
2-Fluorophenol (Surr)	0	X	30 - 120	12/01/14 18:12	12/04/14 12:05	4
2,4,6-Tribromophenol (Surr)	0	X	40 - 120	12/01/14 18:12	12/04/14 12:05	4
Nitrobenzene-d5 (Surr)	60		45 - 120	12/01/14 18:12	12/04/14 12:05	4
Terphenyl-d14 (Surr)	13	X	37 - 144	12/01/14 18:12	12/04/14 12:05	4
Phenol-d6 (Surr)	0	X	35 - 120	12/01/14 18:12	12/04/14 12:05	4

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>GRO (C4-C12)</b>	<b>1290</b>		250		ug/L			12/02/14 13:11	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		65 - 140		12/02/14 13:11	5

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>C13-C22</b>	<b>0.667</b>		0.562		mg/L		12/02/14 06:45	12/02/14 14:23	1
C23-C40	ND		0.562		mg/L		12/02/14 06:45	12/02/14 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	53		45 - 120	12/02/14 06:45	12/02/14 14:23	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT011**

**Lab Sample ID: 440-94483-11**

Date Collected: 11/26/14 15:40

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		50.0		mg/L			12/02/14 18:53	100
Nitrate as N	ND	H	11.0		mg/L			12/02/14 18:53	100
<b>Chloride</b>	<b>15600</b>		1000		mg/L			12/02/14 19:46	2000
Nitrate Nitrite as N	ND	H	75.0		mg/L			12/03/14 14:20	500
Fluoride	ND		50.0		mg/L			12/02/14 18:53	100
Nitrite as N	ND	H	75.0		mg/L			12/03/14 14:20	500
Nitrite as NO2	ND	H	250		mg/L			12/03/14 14:20	500
<b>Sulfate</b>	<b>166</b>		50.0		mg/L			12/02/14 18:53	100
Nitrate as NO3	ND	H	50.0		mg/L			12/02/14 18:53	100
Orthophosphate as P	ND	H	16.0		mg/L			12/02/14 18:53	100
Orthophosphorus as PO4	ND	H	50.0		mg/L			12/02/14 18:53	100

**Method: 6010B - Metals (ICP) - Total Recoverable**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Arsenic	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
<b>Barium</b>	<b>2.89</b>		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Beryllium	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 10:40	10
<b>Cadmium</b>	<b>0.0828</b>		0.0500		mg/L		12/02/14 18:20	12/03/14 10:40	10
Chromium	ND		0.0500		mg/L		12/02/14 18:20	12/03/14 10:40	10
Cobalt	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Copper	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Lead	ND		0.0500		mg/L		12/02/14 18:20	12/03/14 12:15	10
Molybdenum	ND		0.200		mg/L		12/02/14 18:20	12/03/14 10:40	10
Nickel	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Selenium	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Thallium	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Vanadium	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10
Zinc	ND		0.200		mg/L		12/02/14 18:20	12/03/14 10:40	10
Silver	ND		0.100		mg/L		12/02/14 18:20	12/03/14 10:40	10

**Method: 7470A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000800		mg/L		12/03/14 08:38	12/03/14 15:15	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chlorine, Total Residual</b>	<b>1.20</b>	<b>HF</b>	0.100		mg/L			12/02/14 10:23	1

**Client Sample ID: SACA1126TT012**

**Lab Sample ID: 440-94483-14**

Date Collected: 11/26/14 15:55

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Styrene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
cis-1,3-Dichloropropene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
trans-1,3-Dichloropropene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
N-Propylbenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT012**

**Lab Sample ID: 440-94483-14**

**Date Collected: 11/26/14 15:55**

**Matrix: Waste**

**Date Received: 11/28/14 09:23**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
4-Chlorotoluene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,4-Dichlorobenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2-Dibromoethane (EDB)	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2-Dichloroethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Isopropyl Ether (DIPE)	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,3,5-Trimethylbenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Bromobenzene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Toluene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Chlorobenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2,4-Trichlorobenzene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Dibromochloromethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Tetrachloroethene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Xylenes, Total	ND		21.3		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
sec-Butylbenzene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
m,p-Xylene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,3-Dichloropropane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
cis-1,2-Dichloroethene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
trans-1,2-Dichloroethene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Methyl-t-Butyl Ether (MTBE)	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,3-Dichlorobenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Carbon tetrachloride	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1-Dichloropropene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
2,2-Dichloropropane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1,1,2-Tetrachloroethane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Ethyl-t-butyl ether (ETBE)	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Chloroform	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Benzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1,1-Trichloroethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Bromomethane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Chloromethane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Dibromomethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Bromochloromethane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Chloroethane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Vinyl chloride	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Methylene Chloride	ND		106		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Bromoform	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Bromodichloromethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1-Dichloroethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1-Dichloroethene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
tert-Butyl alcohol (TBA)	ND		532		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Trichlorofluoromethane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Dichlorodifluoromethane	ND *		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2-Dichloropropane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1,2-Trichloroethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Trichloroethene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,1,2,2-Tetrachloroethane	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2,3-Trichlorobenzene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Hexachlorobutadiene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT012**

**Lab Sample ID: 440-94483-14**

Date Collected: 11/26/14 15:55

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
o-Xylene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
2-Chlorotoluene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2-Dichlorobenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2,4-Trimethylbenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2-Dibromo-3-Chloropropane	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
1,2,3-Trichloropropane	ND		53.2		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
tert-Butylbenzene	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Isopropylbenzene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Tert-amyl-methyl ether (TAME)	ND		26.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
p-Isopropyltoluene	ND		10.6		ug/Kg		12/02/14 09:12	12/02/14 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		60 - 140				12/02/14 09:12	12/02/14 14:15	1
4-Bromofluorobenzene (Surr)	104		65 - 140				12/02/14 09:12	12/02/14 14:15	1
Dibromofluoromethane (Surr)	104		55 - 140				12/02/14 09:12	12/02/14 14:15	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Acenaphthylene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Aniline	ND		654		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Anthracene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzidine	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzo[a]anthracene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzoic acid	ND		4670		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzo[b]fluoranthene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzo[k]fluoranthene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzyl alcohol	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Bis(2-chloroethoxy)methane	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Bis(2-chloroethyl)ether	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4-Bromophenyl phenyl ether	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Butyl benzyl phthalate	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,4-Dimethylphenol	ND	*	935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Dimethyl phthalate	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4,6-Dinitro-2-methylphenol	ND		1870		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,4-Dinitrophenol	ND		4670		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,4-Dinitrotoluene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,6-Dinitrotoluene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
1,2-Diphenylhydrazine(as Azobenzene)	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Fluoranthene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Fluorene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Hexachlorobenzene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Hexachlorobutadiene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Hexachlorocyclopentadiene	ND		1870		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Hexachloroethane	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
N-Nitrosodiphenylamine	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
N-Nitrosodi-n-propylamine	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
1,4-Dichlorobenzene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT012**

**Lab Sample ID: 440-94483-14**

Date Collected: 11/26/14 15:55

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2-Chlorophenol	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4-Chlorophenyl phenyl ether	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Chrysene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Dibenz(a,h)anthracene	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Dibenzofuran	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzo[g,h,i]perylene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Benzo[a]pyrene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Di-n-butyl phthalate	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
1,2-Dichlorobenzene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
1,3-Dichlorobenzene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
3,3'-Dichlorobenzidine	ND		1870		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,4-Dichlorophenol	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Diethyl phthalate	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Indeno[1,2,3-cd]pyrene	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Isophorone	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2-Methylnaphthalene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2-Methylphenol	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Naphthalene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2-Nitroaniline	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
3-Nitroaniline	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4-Nitroaniline	ND		1210		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Nitrobenzene	ND	*	1870		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2-Nitrophenol	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4-Nitrophenol	ND		4670		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Pyrene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Pentachlorophenol	ND		1870		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Phenanthrene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
1,2,4-Trichlorobenzene	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,4,5-Trichlorophenol	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
2,4,6-Trichlorophenol	ND	*	935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Phenol	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
3-Methylphenol + 4-Methylphenol	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
N-Nitrosodimethylamine	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4-Chloroaniline	ND		467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Bis(2-ethylhexyl) phthalate	ND		2340		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
Di-n-octyl phthalate	ND		1870		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
4-Chloro-3-methylphenol	ND		935		mg/Kg		12/01/14 19:58	12/03/14 18:06	20
bis (2-chloroisopropyl) ether	ND	*	467		mg/Kg		12/01/14 19:58	12/03/14 18:06	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	140	X	70 - 130	12/01/14 19:58	12/03/14 18:06	20
2-Fluorophenol (Surr)	97		70 - 130	12/01/14 19:58	12/03/14 18:06	20
Nitrobenzene-d5 (Surr)	117		70 - 130	12/01/14 19:58	12/03/14 18:06	20
Terphenyl-d14 (Surr)	135	X	70 - 130	12/01/14 19:58	12/03/14 18:06	20
2,4,6-Tribromophenol (Surr)	129		70 - 130	12/01/14 19:58	12/03/14 18:06	20
Phenol-d6 (Surr)	167	X	70 - 130	12/01/14 19:58	12/03/14 18:06	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT012**

**Lab Sample ID: 440-94483-14**

Date Collected: 11/26/14 15:55

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	1090000		213000		ug/Kg		12/02/14 09:12	12/02/14 13:27	100
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
4-Bromofluorobenzene (Surr)	102		65 - 140				12/02/14 09:12	12/02/14 13:27	100

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C23-C40	ND		13600		mg/Kg		12/01/14 19:51	12/01/14 23:35	10
C13-C22	ND		13600		mg/Kg		12/01/14 19:51	12/01/14 23:35	10
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
n-Octacosane	3	X	70 - 130				12/01/14 19:51	12/01/14 23:35	10

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		50000		mg/Kg			12/09/14 00:03	1000
Nitrate as N	ND		11000		mg/Kg			12/09/14 00:03	1000
Chloride	63700		50000		mg/Kg			12/09/14 00:03	1000
Nitrate Nitrite as N	ND		15000		mg/Kg			12/09/14 00:03	1000
Fluoride	ND		50000		mg/Kg			12/09/14 00:03	1000
Nitrite as N	ND		15000		mg/Kg			12/09/14 00:03	1000
Nitrite as NO2	ND		50000		mg/Kg			12/09/14 00:03	1000
Sulfate	ND		50000		mg/Kg			12/09/14 00:03	1000
Nitrate as NO3	ND		50000		mg/Kg			12/09/14 00:03	1000
Orthophosphate as P	ND		16000		mg/Kg			12/09/14 00:03	1000
Orthophosphorus as PO4	ND		50000		mg/Kg			12/09/14 00:03	1000

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.85		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Selenium	ND		2.96		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Molybdenum	ND		1.97		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Lead	ND		1.97		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Zinc	ND		4.93		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Vanadium	ND		0.985		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Thallium	ND		9.85		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Nickel	ND		1.97		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Copper	2.83		1.97		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Cobalt	ND		0.985		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Chromium	ND		0.985		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Cadmium	ND		0.493		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Beryllium	ND		0.493		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Barium	ND		1.48		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Arsenic	ND		2.96		mg/Kg		12/01/14 15:00	12/02/14 10:42	5
Silver	ND		1.48		mg/Kg		12/01/14 15:00	12/02/14 10:42	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0196		mg/Kg		12/01/14 17:04	12/02/14 13:54	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT013**

**Lab Sample ID: 440-94483-15**

Date Collected: 11/26/14 16:00

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
<b>Styrene</b>	<b>9.56</b>		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
cis-1,3-Dichloropropene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
trans-1,3-Dichloropropene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
N-Propylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
n-Butylbenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
4-Chlorotoluene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,4-Dichlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2-Dibromoethane (EDB)	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2-Dichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Isopropyl Ether (DIPE)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,3,5-Trimethylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Bromobenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Toluene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Chlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2,4-Trichlorobenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Dibromochloromethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Tetrachloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Xylenes, Total	ND		18.9		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
sec-Butylbenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
m,p-Xylene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,3-Dichloropropane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
cis-1,2-Dichloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
trans-1,2-Dichloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Methyl-t-Butyl Ether (MTBE)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,3-Dichlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Carbon tetrachloride	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,1-Dichloropropene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
2,2-Dichloropropane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,1,1,2-Tetrachloroethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Ethyl-t-butyl ether (ETBE)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Chloroform	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Benzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,1,1-Trichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Bromomethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Chloromethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Dibromomethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Bromochloromethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Chloroethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Vinyl chloride	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Methylene Chloride	ND		94.3		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Bromoform	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Bromodichloromethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,1-Dichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,1-Dichloroethene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
tert-Butyl alcohol (TBA)	ND		472		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Trichlorofluoromethane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Dichlorodifluoromethane	ND *		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2-Dichloropropane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT013**

**Lab Sample ID: 440-94483-15**

Date Collected: 11/26/14 16:00

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Trichloroethene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,1,1,2-Tetrachloroethane	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2,3-Trichlorobenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Hexachlorobutadiene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Naphthalene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
o-Xylene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
2-Chlorotoluene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2-Dichlorobenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2,4-Trimethylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2-Dibromo-3-Chloropropane	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
1,2,3-Trichloropropane	ND		47.2		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
tert-Butylbenzene	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Isopropylbenzene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Tert-amyl-methyl ether (TAME)	ND		23.6		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
p-Isopropyltoluene	ND		9.43		ug/Kg		12/02/14 09:12	12/02/14 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	113		60 - 140				12/02/14 09:12	12/02/14 14:41	1
4-Bromofluorobenzene (Surr)	110		65 - 140				12/02/14 09:12	12/02/14 14:41	1
Dibromofluoromethane (Surr)	102		55 - 140				12/02/14 09:12	12/02/14 14:41	1

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Acenaphthylene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Aniline	ND		680		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Anthracene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzidine	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzo[a]anthracene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzoic acid	ND		4860		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzo[b]fluoranthene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzo[k]fluoranthene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzyl alcohol	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Bis(2-chloroethoxy)methane	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Bis(2-chloroethyl)ether	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4-Bromophenyl phenyl ether	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Butyl benzyl phthalate	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,4-Dimethylphenol	ND	*	971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Dimethyl phthalate	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4,6-Dinitro-2-methylphenol	ND		1940		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,4-Dinitrophenol	ND		4860		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,4-Dinitrotoluene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,6-Dinitrotoluene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
1,2-Diphenylhydrazine(as Azobenzene)	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Fluoranthene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Fluorene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Hexachlorobenzene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Hexachlorobutadiene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT013**

**Lab Sample ID: 440-94483-15**

Date Collected: 11/26/14 16:00

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		1940		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Hexachloroethane	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
N-Nitrosodiphenylamine	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
N-Nitrosodi-n-propylamine	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
1,4-Dichlorobenzene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2-Chloronaphthalene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2-Chlorophenol	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4-Chlorophenyl phenyl ether	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Chrysene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Dibenz(a,h)anthracene	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Dibenzofuran	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzo[g,h,i]perylene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Benzo[a]pyrene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Di-n-butyl phthalate	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
1,2-Dichlorobenzene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
1,3-Dichlorobenzene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
3,3'-Dichlorobenzidine	ND		1940		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,4-Dichlorophenol	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Diethyl phthalate	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Indeno[1,2,3-cd]pyrene	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Isophorone	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2-Methylnaphthalene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2-Methylphenol	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Naphthalene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2-Nitroaniline	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
3-Nitroaniline	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4-Nitroaniline	ND		1260		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Nitrobenzene	ND	*	1940		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2-Nitrophenol	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4-Nitrophenol	ND		4860		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Pyrene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Pentachlorophenol	ND		1940		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Phenanthrene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
1,2,4-Trichlorobenzene	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,4,5-Trichlorophenol	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
2,4,6-Trichlorophenol	ND	*	971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Phenol	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
3-Methylphenol + 4-Methylphenol	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
N-Nitrosodimethylamine	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4-Chloroaniline	ND		486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Bis(2-ethylhexyl) phthalate	ND		2430		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
Di-n-octyl phthalate	ND		1940		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
4-Chloro-3-methylphenol	ND		971		mg/Kg		12/01/14 19:58	12/03/14 18:29	20
bis (2-chloroisopropyl) ether	ND	*	486		mg/Kg		12/01/14 19:58	12/03/14 18:29	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	136	X	70 - 130	12/01/14 19:58	12/03/14 18:29	20
2-Fluorophenol (Surr)	88		70 - 130	12/01/14 19:58	12/03/14 18:29	20
Nitrobenzene-d5 (Surr)	135	X	70 - 130	12/01/14 19:58	12/03/14 18:29	20
Terphenyl-d14 (Surr)	140	X	70 - 130	12/01/14 19:58	12/03/14 18:29	20

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT013**

**Lab Sample ID: 440-94483-15**

Date Collected: 11/26/14 16:00

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	123		70 - 130	12/01/14 19:58	12/03/14 18:29	20
Phenol-d6 (Surr)	163	X	70 - 130	12/01/14 19:58	12/03/14 18:29	20

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	2160000		377000		ug/Kg		12/02/14 09:12	12/02/14 13:02	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		65 - 140	12/02/14 09:12	12/02/14 13:02	200

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C23-C40	111000		28700		mg/Kg		12/01/14 19:51	12/02/14 00:34	20
C13-C22	47000		28700		mg/Kg		12/01/14 19:51	12/02/14 00:34	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	103		70 - 130	12/01/14 19:51	12/02/14 00:34	20

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		500000		mg/Kg			12/09/14 00:38	10000
Nitrate as N	ND		110000		mg/Kg			12/09/14 00:38	10000
Chloride	783000		500000		mg/Kg			12/09/14 00:38	10000
Nitrate Nitrite as N	ND		150000		mg/Kg			12/09/14 00:38	10000
Fluoride	ND		500000		mg/Kg			12/09/14 00:38	10000
Nitrite as N	ND		150000		mg/Kg			12/09/14 00:38	10000
Nitrite as NO2	ND		500000		mg/Kg			12/09/14 00:38	10000
Sulfate	ND		500000		mg/Kg			12/09/14 00:38	10000
Nitrate as NO3	ND		500000		mg/Kg			12/09/14 00:38	10000
Orthophosphate as P	ND		160000		mg/Kg			12/09/14 00:38	10000
Orthophosphorus as PO4	ND		500000		mg/Kg			12/09/14 00:38	10000

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.90		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Selenium	ND		2.97		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Molybdenum	ND		1.98		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Lead	ND		1.98		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Zinc	ND		4.95		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Vanadium	ND		0.990		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Thallium	ND		9.90		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Nickel	ND		1.98		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Copper	ND		1.98		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Cobalt	ND		0.990		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Chromium	ND		0.990		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Cadmium	ND		0.495		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Beryllium	ND		0.495		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Barium	ND		1.49		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Arsenic	ND		2.97		mg/Kg		12/01/14 15:00	12/02/14 10:54	5
Silver	ND		1.49		mg/Kg		12/01/14 15:00	12/02/14 10:54	5

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT013**

**Lab Sample ID: 440-94483-15**

Date Collected: 11/26/14 16:00

Matrix: Waste

Date Received: 11/28/14 09:23

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0196		mg/Kg		12/01/14 17:04	12/02/14 13:57	1

**Client Sample ID: SACA1123TB004**

**Lab Sample ID: 440-94483-16**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/02/14 10:37	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/02/14 10:37	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			12/02/14 10:37	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/02/14 10:37	1
1,1-Dichloroethane	ND		2.00		ug/L			12/02/14 10:37	1
1,1-Dichloroethene	ND		5.00		ug/L			12/02/14 10:37	1
1,1-Dichloropropene	ND		2.00		ug/L			12/02/14 10:37	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/02/14 10:37	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/02/14 10:37	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/02/14 10:37	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/02/14 10:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/02/14 10:37	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/02/14 10:37	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/02/14 10:37	1
1,2-Dichloroethane	ND		2.00		ug/L			12/02/14 10:37	1
1,2-Dichloropropane	ND		2.00		ug/L			12/02/14 10:37	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/02/14 10:37	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/02/14 10:37	1
1,3-Dichloropropane	ND		2.00		ug/L			12/02/14 10:37	1
1,4-Dichlorobenzene	ND		2.00		ug/L			12/02/14 10:37	1
2,2-Dichloropropane	ND		2.00		ug/L			12/02/14 10:37	1
2-Chlorotoluene	ND		5.00		ug/L			12/02/14 10:37	1
4-Chlorotoluene	ND		5.00		ug/L			12/02/14 10:37	1
Benzene	ND		2.00		ug/L			12/02/14 10:37	1
Bromobenzene	ND		5.00		ug/L			12/02/14 10:37	1
Bromochloromethane	ND		5.00		ug/L			12/02/14 10:37	1
Bromodichloromethane	ND		2.00		ug/L			12/02/14 10:37	1
Bromoform	ND		5.00		ug/L			12/02/14 10:37	1
Bromomethane	ND		5.00		ug/L			12/02/14 10:37	1
Carbon tetrachloride	ND		5.00		ug/L			12/02/14 10:37	1
Chlorobenzene	ND		2.00		ug/L			12/02/14 10:37	1
Chloroethane	ND		5.00		ug/L			12/02/14 10:37	1
Chloroform	ND		2.00		ug/L			12/02/14 10:37	1
Chloromethane	ND		5.00		ug/L			12/02/14 10:37	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 10:37	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 10:37	1
Dibromochloromethane	ND		2.00		ug/L			12/02/14 10:37	1
Dibromomethane	ND		2.00		ug/L			12/02/14 10:37	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/02/14 10:37	1
Ethylbenzene	ND		2.00		ug/L			12/02/14 10:37	1
Hexachlorobutadiene	ND		5.00		ug/L			12/02/14 10:37	1
Isopropylbenzene	ND		2.00		ug/L			12/02/14 10:37	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1123TB004**

**Lab Sample ID: 440-94483-16**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	ND		2.00		ug/L			12/02/14 10:37	1
Methylene Chloride	ND		5.00		ug/L			12/02/14 10:37	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/02/14 10:37	1
Naphthalene	ND		5.00		ug/L			12/02/14 10:37	1
n-Butylbenzene	ND		5.00		ug/L			12/02/14 10:37	1
N-Propylbenzene	ND		2.00		ug/L			12/02/14 10:37	1
o-Xylene	ND		2.00		ug/L			12/02/14 10:37	1
sec-Butylbenzene	ND		5.00		ug/L			12/02/14 10:37	1
Styrene	ND		2.00		ug/L			12/02/14 10:37	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/02/14 10:37	1
tert-Butylbenzene	ND		5.00		ug/L			12/02/14 10:37	1
Tetrachloroethene	ND		2.00		ug/L			12/02/14 10:37	1
Toluene	ND		2.00		ug/L			12/02/14 10:37	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 10:37	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 10:37	1
Trichloroethene	ND		2.00		ug/L			12/02/14 10:37	1
Trichlorofluoromethane	ND		5.00		ug/L			12/02/14 10:37	1
Vinyl chloride	ND		5.00		ug/L			12/02/14 10:37	1
Xylenes, Total	ND		2.00		ug/L			12/02/14 10:37	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/02/14 10:37	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/02/14 10:37	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			12/02/14 10:37	1
p-Isopropyltoluene	ND		2.00		ug/L			12/02/14 10:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	113		80 - 128		12/02/14 10:37	1
4-Bromofluorobenzene (Surr)	111		80 - 120		12/02/14 10:37	1
Dibromofluoromethane (Surr)	107		76 - 132		12/02/14 10:37	1

**Client Sample ID: SACA1123TB006**

**Lab Sample ID: 440-94483-17**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/02/14 11:07	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/02/14 11:07	1
1,1,1,2-Tetrachloroethane	ND		2.00		ug/L			12/02/14 11:07	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/02/14 11:07	1
1,1-Dichloroethane	ND		2.00		ug/L			12/02/14 11:07	1
1,1-Dichloroethene	ND		5.00		ug/L			12/02/14 11:07	1
1,1-Dichloropropene	ND		2.00		ug/L			12/02/14 11:07	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/02/14 11:07	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/02/14 11:07	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/02/14 11:07	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/02/14 11:07	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/02/14 11:07	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/02/14 11:07	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/02/14 11:07	1
1,2-Dichloroethane	ND		2.00		ug/L			12/02/14 11:07	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1123TB006**

**Lab Sample ID: 440-94483-17**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		2.00		ug/L			12/02/14 11:07	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/02/14 11:07	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/02/14 11:07	1
1,3-Dichloropropane	ND		2.00		ug/L			12/02/14 11:07	1
1,4-Dichlorobenzene	ND		2.00		ug/L			12/02/14 11:07	1
2,2-Dichloropropane	ND		2.00		ug/L			12/02/14 11:07	1
2-Chlorotoluene	ND		5.00		ug/L			12/02/14 11:07	1
4-Chlorotoluene	ND		5.00		ug/L			12/02/14 11:07	1
Benzene	ND		2.00		ug/L			12/02/14 11:07	1
Bromobenzene	ND		5.00		ug/L			12/02/14 11:07	1
Bromochloromethane	ND		5.00		ug/L			12/02/14 11:07	1
Bromodichloromethane	ND		2.00		ug/L			12/02/14 11:07	1
Bromoform	ND		5.00		ug/L			12/02/14 11:07	1
Bromomethane	ND		5.00		ug/L			12/02/14 11:07	1
Carbon tetrachloride	ND		5.00		ug/L			12/02/14 11:07	1
Chlorobenzene	ND		2.00		ug/L			12/02/14 11:07	1
Chloroethane	ND		5.00		ug/L			12/02/14 11:07	1
Chloroform	ND		2.00		ug/L			12/02/14 11:07	1
Chloromethane	ND		5.00		ug/L			12/02/14 11:07	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 11:07	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 11:07	1
Dibromochloromethane	ND		2.00		ug/L			12/02/14 11:07	1
Dibromomethane	ND		2.00		ug/L			12/02/14 11:07	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/02/14 11:07	1
Ethylbenzene	ND		2.00		ug/L			12/02/14 11:07	1
Hexachlorobutadiene	ND		5.00		ug/L			12/02/14 11:07	1
Isopropylbenzene	ND		2.00		ug/L			12/02/14 11:07	1
m,p-Xylene	ND		2.00		ug/L			12/02/14 11:07	1
Methylene Chloride	ND		5.00		ug/L			12/02/14 11:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/02/14 11:07	1
Naphthalene	ND		5.00		ug/L			12/02/14 11:07	1
n-Butylbenzene	ND		5.00		ug/L			12/02/14 11:07	1
N-Propylbenzene	ND		2.00		ug/L			12/02/14 11:07	1
o-Xylene	ND		2.00		ug/L			12/02/14 11:07	1
sec-Butylbenzene	ND		5.00		ug/L			12/02/14 11:07	1
Styrene	ND		2.00		ug/L			12/02/14 11:07	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/02/14 11:07	1
tert-Butylbenzene	ND		5.00		ug/L			12/02/14 11:07	1
Tetrachloroethene	ND		2.00		ug/L			12/02/14 11:07	1
Toluene	ND		2.00		ug/L			12/02/14 11:07	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 11:07	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 11:07	1
Trichloroethene	ND		2.00		ug/L			12/02/14 11:07	1
Trichlorofluoromethane	ND		5.00		ug/L			12/02/14 11:07	1
Vinyl chloride	ND		5.00		ug/L			12/02/14 11:07	1
Xylenes, Total	ND		2.00		ug/L			12/02/14 11:07	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/02/14 11:07	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/02/14 11:07	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			12/02/14 11:07	1

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1123TB006**

**Lab Sample ID: 440-94483-17**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	ND		2.00		ug/L			12/02/14 11:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	110		80 - 128					12/02/14 11:07	1
4-Bromofluorobenzene (Surr)	113		80 - 120					12/02/14 11:07	1
Dibromofluoromethane (Surr)	110		76 - 132					12/02/14 11:07	1

**Client Sample ID: SACA1126TT008**

**Lab Sample ID: 440-94483-18**

Date Collected: 11/26/14 15:00

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 36.9

**Method: 8260B - Volatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,1,1-Trichloroethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,1,2,2-Tetrachloroethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,1,2-Trichloroethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,1-Dichloroethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,1-Dichloroethene	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,1-Dichloropropene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2,3-Trichlorobenzene	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2,3-Trichloropropane	ND		2700		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2,4-Trichlorobenzene	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2,4-Trimethylbenzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2-Dibromo-3-Chloropropane	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2-Dibromoethane (EDB)	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2-Dichlorobenzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2-Dichloroethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,2-Dichloropropane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,3,5-Trimethylbenzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,3-Dichlorobenzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,3-Dichloropropane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
1,4-Dichlorobenzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
2,2-Dichloropropane	ND		1080		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
2-Chlorotoluene	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
4-Chlorotoluene	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Benzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Bromobenzene	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Bromochloromethane	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Bromodichloromethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Bromoform	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Bromomethane	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Carbon tetrachloride	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Chlorobenzene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Chloroethane	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Chloroform	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Chloromethane	ND		1350		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
cis-1,2-Dichloroethene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
cis-1,3-Dichloropropene	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100
Dibromochloromethane	ND		540		ug/Kg	*	12/04/14 10:10	12/04/14 18:40	100

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT008**

**Lab Sample ID: 440-94483-18**

**Date Collected: 11/26/14 15:00**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 36.9**

**Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Dichlorodifluoromethane	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Ethylbenzene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Hexachlorobutadiene	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Isopropylbenzene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
m,p-Xylene	ND		1080		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Methylene Chloride	ND		5400		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Methyl-t-Butyl Ether (MTBE)	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Naphthalene	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
n-Butylbenzene	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
N-Propylbenzene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
o-Xylene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
sec-Butylbenzene	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Styrene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Tert-amyl-methyl ether (TAME)	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
tert-Butylbenzene	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Tetrachloroethene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Toluene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
trans-1,2-Dichloroethene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
trans-1,3-Dichloropropene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Trichloroethene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Trichlorofluoromethane	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Vinyl chloride	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Xylenes, Total	ND		1080		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Isopropyl Ether (DIPE)	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
Ethyl-t-butyl ether (ETBE)	ND		1350		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
tert-Butyl alcohol (TBA)	ND		27000		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100
p-Isopropyltoluene	ND		540		ug/Kg	☼	12/04/14 10:10	12/04/14 18:40	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	121		60 - 140	12/04/14 10:10	12/04/14 18:40	100
4-Bromofluorobenzene (Surr)	110		65 - 140	12/04/14 10:10	12/04/14 18:40	100
Dibromofluoromethane (Surr)	98		55 - 140	12/04/14 10:10	12/04/14 18:40	100

**Method: 8270C - Semivolatile Organic Compounds (GC/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
1,2-Dichlorobenzene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
1,2-Diphenylhydrazine(as Azobenzene)	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
1,3-Dichlorobenzene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
1,4-Dichlorobenzene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,4,5-Trichlorophenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,4,6-Trichlorophenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,4-Dichlorophenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,4-Dimethylphenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,4-Dinitrophenol	ND		107000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,4-Dinitrotoluene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2,6-Dinitrotoluene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2-Chloronaphthalene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT008**

**Lab Sample ID: 440-94483-18**

**Date Collected: 11/26/14 15:00**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 36.9**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2-Methylnaphthalene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2-Methylphenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2-Nitroaniline	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
2-Nitrophenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
3,3'-Dichlorobenzidine	ND		135000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
3-Nitroaniline	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4,6-Dinitro-2-methylphenol	ND		68300		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4-Bromophenyl phenyl ether	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4-Chloro-3-methylphenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4-Chloroaniline	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4-Chlorophenyl phenyl ether	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
3-Methylphenol + 4-Methylphenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4-Nitroaniline	ND		135000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
4-Nitrophenol	ND		135000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Acenaphthene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Acenaphthylene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Aniline	ND		68300		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Anthracene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzidine	ND		218000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzo[a]anthracene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzo[a]pyrene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzo[b]fluoranthene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzo[g,h,i]perylene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzo[k]fluoranthene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
<b>Benzoic acid</b>	<b>942000</b>		135000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Benzyl alcohol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Bis(2-chloroethoxy)methane	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Bis(2-chloroethyl)ether	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Bis(2-ethylhexyl) phthalate	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Butyl benzyl phthalate	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Chrysene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Dibenz(a,h)anthracene	ND		68300		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Dibenzofuran	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Diethyl phthalate	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Dimethyl phthalate	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Di-n-butyl phthalate	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Di-n-octyl phthalate	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Fluoranthene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Fluorene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Hexachlorobenzene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Hexachlorobutadiene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Hexachlorocyclopentadiene	ND		135000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Hexachloroethane	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Indeno[1,2,3-cd]pyrene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Isophorone	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Naphthalene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Nitrobenzene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
N-Nitrosodi-n-propylamine	ND		40700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT008**

**Lab Sample ID: 440-94483-18**

**Date Collected: 11/26/14 15:00**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 36.9**

**Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiphenylamine	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Pentachlorophenol	ND		135000		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Phenanthrene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Phenol	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
Pyrene	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
bis (2-chloroisopropyl) ether	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4
N-Nitrosodimethylamine	ND		53700		ug/Kg	☼	12/04/14 09:08	12/05/14 08:27	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	83		35 - 120	12/04/14 09:08	12/05/14 08:27	4
2-Fluorophenol (Surr)	77		25 - 120	12/04/14 09:08	12/05/14 08:27	4
2,4,6-Tribromophenol (Surr)	89		35 - 125	12/04/14 09:08	12/05/14 08:27	4
Nitrobenzene-d5 (Surr)	83		30 - 120	12/04/14 09:08	12/05/14 08:27	4
Terphenyl-d14 (Surr)	72		40 - 135	12/04/14 09:08	12/05/14 08:27	4
Phenol-d6 (Surr)	95		35 - 120	12/04/14 09:08	12/05/14 08:27	4

**Method: 8015B - Gasoline Range Organics - (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		216000		ug/Kg	☼	12/04/14 10:10	12/04/14 13:52	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		65 - 140	12/04/14 10:10	12/04/14 13:52	100

**Method: 8015B - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		2010		mg/Kg	☼	12/04/14 08:50	12/04/14 22:17	10
<b>C23-C40</b>	<b>8910</b>		2010		mg/Kg	☼	12/04/14 08:50	12/04/14 22:17	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	90		40 - 140	12/04/14 08:50	12/04/14 22:17	10

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	ND		1350		mg/Kg	☼		12/09/14 01:48	100
Nitrate as N	ND		297		mg/Kg	☼		12/09/14 01:48	100
Chloride	ND		1350		mg/Kg	☼		12/09/14 01:48	100
Nitrate Nitrite as N	ND		406		mg/Kg	☼		12/09/14 01:48	100
<b>Fluoride</b>	<b>3930</b>		1350		mg/Kg	☼		12/09/14 01:48	100
Nitrite as N	ND		406		mg/Kg	☼		12/09/14 01:48	100
Nitrite as NO2	ND		1350		mg/Kg	☼		12/09/14 01:48	100
<b>Sulfate</b>	<b>4580</b>		1350		mg/Kg	☼		12/09/14 01:48	100
Nitrate as NO3	ND		1350		mg/Kg	☼		12/09/14 01:48	100
<b>Orthophosphate as P</b>	<b>6830</b>		433		mg/Kg	☼		12/09/14 01:48	100
<b>Orthophosphorus as PO4</b>	<b>20900</b>		1350		mg/Kg	☼		12/09/14 01:48	100

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		27.1		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Arsenic	ND		8.13		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
<b>Barium</b>	<b>13.6</b>		4.07		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Beryllium	ND		1.36		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5

TestAmerica Irvine

# Client Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT008**

**Lab Sample ID: 440-94483-18**

**Date Collected: 11/26/14 15:00**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 36.9**

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		1.36		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
<b>Chromium</b>	<b>9.65</b>		2.71		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Cobalt	ND		2.71		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
<b>Copper</b>	<b>61.0</b>		5.42		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Lead	ND		5.42		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Molybdenum	ND		5.42		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Nickel	ND		5.42		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Selenium	ND		8.13		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Thallium	ND		27.1		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
<b>Vanadium</b>	<b>6.11</b>		2.71		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
<b>Zinc</b>	<b>743 B</b>		13.6		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5
Silver	ND		4.07		mg/Kg	☼	12/04/14 08:01	12/04/14 13:22	5

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0553		mg/Kg	☼	12/04/14 09:42	12/04/14 13:21	1

**General Chemistry**

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Percent Moisture</b>	<b>63</b>		0.10		%			12/18/14 15:48	1
<b>Percent Solids</b>	<b>37</b>		0.10		%			12/18/14 15:48	1

# Method Summary

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
300.0	Anions, Ion Chromatography	MCAWW	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7470A	Mercury (CVAA)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
Moisture	Percent Moisture	EPA	TAL IRV
SM 4500 Cl G	Chlorine, Residual	SM	TAL IRV

#### Protocol References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SL003**

**Lab Sample ID: 440-94483-1**

**Date Collected: 11/26/14 15:05**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	10 mL	10 mL	221889	12/02/14 13:35	SS	TAL IRV
Total/NA	Prep	3520C			685 mL	2 mL	221851	12/01/14 18:12	IVA	TAL IRV
Total/NA	Analysis	8270C		10	685 mL	2 mL	222506	12/04/14 14:53	AI	TAL IRV
Total/NA	Analysis	8015B		200	10 mL	10 mL	221919	12/02/14 12:01	AK	TAL IRV
Total/NA	Prep	3510C			915 mL	1 mL	221907	12/02/14 06:45	QCT	TAL IRV
Total/NA	Analysis	8015B		10	915 mL	1 mL	221976	12/02/14 17:20	KW	TAL IRV
Total/NA	Analysis	300.0		500	5 mL		221928	12/02/14 21:18	JRA	TAL IRV
Total/NA	Analysis	300.0		50	5 mL		221927	12/02/14 23:04	NN	TAL IRV
Total/NA	Analysis	300.0		50	5 mL		221928	12/02/14 23:04	JRA	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		2	25 mL	25 mL	222311	12/03/14 12:26	DP	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		2	25 mL	25 mL	222315	12/03/14 12:11	EN	TAL IRV
Total/NA	Prep	7470A			5 mL	20 mL	222227	12/03/14 08:38	JS1	TAL IRV
Total/NA	Analysis	7470A		1	5 mL	20 mL	222373	12/03/14 15:28	DB	TAL IRV
Total/NA	Analysis	SM 4500 CI G		1			221978	12/02/14 10:23	KYP	TAL IRV

**Client Sample ID: SACA1126SC003**

**Lab Sample ID: 440-94483-2**

**Date Collected: 11/26/14 15:30**

**Matrix: Water**

**Date Received: 11/28/14 09:23**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	221889	12/02/14 13:05	SS	TAL IRV
Total/NA	Prep	3520C			640 mL	2 mL	221851	12/01/14 18:12	IVA	TAL IRV
Total/NA	Analysis	8270C		10	640 mL	2 mL	222506	12/04/14 15:14	AI	TAL IRV
Total/NA	Analysis	8015B		50	10 mL	10 mL	221919	12/02/14 13:40	AK	TAL IRV
Total/NA	Prep	3510C			965 mL	1 mL	221907	12/02/14 06:45	QCT	TAL IRV
Total/NA	Analysis	8015B		10	965 mL	1 mL	221976	12/02/14 17:40	KW	TAL IRV
Total/NA	Analysis	300.0		500	5 mL		221928	12/02/14 21:54	JRA	TAL IRV
Total/NA	Analysis	300.0		50	5 mL		221927	12/02/14 23:22	NN	TAL IRV
Total/NA	Analysis	300.0		50	5 mL		221928	12/02/14 23:22	JRA	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		2	25 mL	25 mL	222311	12/03/14 12:27	DP	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		2	25 mL	25 mL	222315	12/03/14 12:13	EN	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		2	25 mL	25 mL	222341	12/03/14 13:07	EN	TAL IRV
Total/NA	Prep	7470A			5 mL	20 mL	222227	12/03/14 08:38	JS1	TAL IRV
Total/NA	Analysis	7470A		1	5 mL	20 mL	222373	12/03/14 15:30	DB	TAL IRV
Total/NA	Analysis	SM 4500 CI G		1			221978	12/02/14 10:23	KYP	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD003**

**Lab Sample ID: 440-94483-3**

**Date Collected: 11/26/14 15:20**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 41.4**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.00 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8260B		1	5.00 g	10 mL	221885	12/02/14 12:55	YK	TAL IRV
Total/NA	Prep	3546			1.08 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		5	1.08 g	1 mL	222258	12/03/14 13:34	VS	TAL IRV
Total/NA	Prep	5030B			5.00 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8015B		500	5.00 g	10 mL	221922	12/02/14 15:00	AK	TAL IRV
Total/NA	Prep	3546			1.16 g	1 mL	221789	12/01/14 17:57	VA	TAL IRV
Total/NA	Analysis	8015B		10	1.16 g	1 mL	221976	12/02/14 18:00	KW	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223197	12/08/14 20:31	NN	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223198	12/08/14 20:31	NN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	222001	12/02/14 10:37	EN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	222015	12/02/14 12:06	EN	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	221842	12/01/14 17:04	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222066	12/02/14 13:49	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 15:48	NTN	TAL IRV
Soluble	Leach	DI Leach			3.9812 g	40 mL	222283	12/03/14 11:30	KYP	TAL IRV
Soluble	Analysis	SM 4500 CI G		10			222404	12/03/14 17:51	KYP	TAL IRV

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

**Date Collected: 11/26/14 15:50**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 84.8**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			.98 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8260B		1	.98 g	10 mL	221885	12/02/14 13:22	YK	TAL IRV
Total/NA	Prep	3546			1.29 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	1.29 g	1 mL	222258	12/03/14 13:57	VS	TAL IRV
Total/NA	Prep	5030B			.98 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8015B		100	.98 g	10 mL	221922	12/02/14 12:36	AK	TAL IRV
Total/NA	Prep	3546			1.44 g	1 mL	221789	12/01/14 17:57	VA	TAL IRV
Total/NA	Analysis	8015B		1	1.44 g	1 mL	221973	12/02/14 11:36	EI	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223197	12/08/14 21:07	NN	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223198	12/08/14 21:07	NN	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10000	5 mL		223364	12/09/14 10:49	NN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	222001	12/02/14 10:36	EN	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SD004**

**Lab Sample ID: 440-94483-4**

Date Collected: 11/26/14 15:50

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.51 g	50 mL	221963	12/02/14 09:47	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222065	12/02/14 14:21	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 15:48	NTN	TAL IRV
Soluble	Leach	DI Leach			3.8925 g	40 mL	222283	12/03/14 11:30	KYP	TAL IRV
Soluble	Analysis	SM 4500 CI G		5			222404	12/03/14 17:51	KYP	TAL IRV

**Client Sample ID: SACA1126SD005**

**Lab Sample ID: 440-94483-5**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1.04 g	10 mL	222123	12/03/14 00:54	AA	TAL IRV
Total/NA	Prep	3546			1.12 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	1.12 g	1 mL	222258	12/03/14 14:19	VS	TAL IRV
Total/NA	Analysis	8015B		1	0.96 g	10 mL	221970	12/02/14 13:05	AK	TAL IRV
Total/NA	Prep	3546			1.35 g	1 mL	221789	12/01/14 17:57	VA	TAL IRV
Total/NA	Analysis	8015B		1	1.35 g	1 mL	221976	12/02/14 15:52	KW	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223197	12/08/14 22:17	NN	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223198	12/08/14 22:17	NN	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10	5 mL		223363	12/09/14 11:06	NN	TAL IRV
Soluble	Leach	DI Leach			4.00 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10	5 mL		223364	12/09/14 11:06	NN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	222001	12/02/14 10:34	EN	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	221963	12/02/14 09:47	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.50 g	50 mL	222065	12/02/14 14:24	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 15:48	NTN	TAL IRV
Soluble	Leach	DI Leach			3.9912 g	40 mL	222283	12/03/14 11:30	KYP	TAL IRV
Soluble	Analysis	SM 4500 CI G		1			222404	12/03/14 17:51	KYP	TAL IRV

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 70.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	2.52 g	10 mL	222123	12/03/14 01:23	AA	TAL IRV
Total/NA	Prep	3546			1.3 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	1.3 g	1 mL	222258	12/03/14 14:42	VS	TAL IRV
Total/NA	Analysis	8015B		1	2.48 g	10 mL	221970	12/02/14 13:34	AK	TAL IRV
Total/NA	Prep	3546			1.22 g	1 mL	221789	12/01/14 17:57	VA	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126SC005**

**Lab Sample ID: 440-94483-6**

Date Collected: 11/26/14 16:35

Matrix: Solid

Date Received: 11/28/14 09:23

Percent Solids: 70.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	1.22 g	1 mL	221976	12/02/14 15:32	KW	TAL IRV
Soluble	Leach	DI Leach			4.03 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223197	12/08/14 22:52	NN	TAL IRV
Soluble	Leach	DI Leach			4.03 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223198	12/08/14 22:52	NN	TAL IRV
Soluble	Leach	DI Leach			4.03 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10	5 mL		223363	12/09/14 11:24	NN	TAL IRV
Soluble	Leach	DI Leach			4.03 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10	5 mL		223364	12/09/14 11:24	NN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		10	2.02 g	50 mL	222001	12/02/14 11:01	EN	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	221963	12/02/14 09:47	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.50 g	50 mL	222065	12/02/14 14:26	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 15:48	NTN	TAL IRV
Soluble	Leach	DI Leach			4.0033 g	40 mL	222283	12/03/14 11:30	KYP	TAL IRV
Soluble	Analysis	SM 4500 CI G		1			222404	12/03/14 17:51	KYP	TAL IRV

**Client Sample ID: SACA1123TB007**

**Lab Sample ID: 440-94483-7**

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	221889	12/02/14 10:07	SS	TAL IRV

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

Date Collected: 11/26/14 15:20

Matrix: Waste

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			1.06 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8260B		1	1.06 g	10 mL	221885	12/02/14 13:48	YK	TAL IRV
Total/NA	Prep	3580A			.2133 g	1 mL	221866	12/01/14 19:58	HN	TAL IRV
Total/NA	Analysis	8270C		20	.2133 g	1 mL	222258	12/03/14 17:44	VS	TAL IRV
Total/NA	Prep	5030B			1.06 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8015B		100	1.06 g	10 mL	221922	12/02/14 14:19	AK	TAL IRV
Total/NA	Prep	3580A			.2141 g	2 mL	221864	12/01/14 19:51	HN	TAL IRV
Total/NA	Analysis	8015B		10	.2141 g	2 mL	221674	12/01/14 22:55	KW	TAL IRV
Soluble	Leach	DI Leach			0.40 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		1000	5 mL		223197	12/08/14 23:28	NN	TAL IRV
Soluble	Leach	DI Leach			0.40 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		1000	5 mL		223198	12/08/14 23:28	NN	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	222001	12/02/14 10:39	EN	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT009**

**Lab Sample ID: 440-94483-9**

Date Collected: 11/26/14 15:20

Matrix: Waste

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	221842	12/01/14 17:04	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.50 g	50 mL	222066	12/02/14 13:52	DB	TAL IRV

**Client Sample ID: SACA1126TT011**

**Lab Sample ID: 440-94483-11**

Date Collected: 11/26/14 15:40

Matrix: Water

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	221889	12/02/14 11:36	SS	TAL IRV
Total/NA	Prep	3520C			685 mL	2 mL	221851	12/01/14 18:12	IVA	TAL IRV
Total/NA	Analysis	8270C		4	685 mL	2 mL	222506	12/04/14 12:05	AI	TAL IRV
Total/NA	Analysis	8015B		5	10 mL	10 mL	221919	12/02/14 13:11	AK	TAL IRV
Total/NA	Prep	3510C			890 mL	1 mL	221907	12/02/14 06:45	QCT	TAL IRV
Total/NA	Analysis	8015B		1	890 mL	1 mL	221976	12/02/14 14:23	KW	TAL IRV
Total/NA	Analysis	300.0		500	5 mL		222214	12/03/14 14:20	NN	TAL IRV
Total/NA	Analysis	300.0		100	5 mL		221927	12/02/14 18:53	NN	TAL IRV
Total/NA	Analysis	300.0		100	5 mL		221928	12/02/14 18:53	JRA	TAL IRV
Total/NA	Analysis	300.0		2000	5 mL		221928	12/02/14 19:46	JRA	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		10	25 mL	25 mL	222311	12/03/14 12:15	DP	TAL IRV
Total Recoverable	Prep	3005A			25 mL	25 mL	222128	12/02/14 18:20	APS	TAL IRV
Total Recoverable	Analysis	6010B		10	25 mL	25 mL	222282	12/03/14 10:40	VS	TAL IRV
Total/NA	Prep	7470A			5 mL	20 mL	222227	12/03/14 08:38	JS1	TAL IRV
Total/NA	Analysis	7470A		1	5 mL	20 mL	222373	12/03/14 15:15	DB	TAL IRV
Total/NA	Analysis	SM 4500 CI G		1			221978	12/02/14 10:23	KYP	TAL IRV

**Client Sample ID: SACA1126TT012**

**Lab Sample ID: 440-94483-14**

Date Collected: 11/26/14 15:55

Matrix: Waste

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			.94 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8260B		1	.94 g	10 mL	221885	12/02/14 14:15	YK	TAL IRV
Total/NA	Prep	3580A			.2140 g	1 mL	221866	12/01/14 19:58	HN	TAL IRV
Total/NA	Analysis	8270C		20	.2140 g	1 mL	222258	12/03/14 18:06	VS	TAL IRV
Total/NA	Prep	5030B			.94 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8015B		100	.94 g	10 mL	221922	12/02/14 13:27	AK	TAL IRV
Total/NA	Prep	3580A			.2198 g	2 mL	221864	12/01/14 19:51	HN	TAL IRV
Total/NA	Analysis	8015B		10	.2198 g	2 mL	221674	12/01/14 23:35	KW	TAL IRV
Soluble	Leach	DI Leach			0.40 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		1000	5 mL		223197	12/09/14 00:03	NN	TAL IRV
Soluble	Leach	DI Leach			0.40 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		1000	5 mL		223198	12/09/14 00:03	NN	TAL IRV

TestAmerica Irvine

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Client Sample ID: SACA1126TT012

Lab Sample ID: 440-94483-14

Date Collected: 11/26/14 15:55

Matrix: Waste

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.03 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.03 g	50 mL	222001	12/02/14 10:42	EN	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	221842	12/01/14 17:04	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222066	12/02/14 13:54	DB	TAL IRV

## Client Sample ID: SACA1126TT013

Lab Sample ID: 440-94483-15

Date Collected: 11/26/14 16:00

Matrix: Waste

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			1.06 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8260B		1	1.06 g	10 mL	221885	12/02/14 14:41	YK	TAL IRV
Total/NA	Prep	3580A			.2059 g	1 mL	221866	12/01/14 19:58	HN	TAL IRV
Total/NA	Analysis	8270C		20	.2059 g	1 mL	222258	12/03/14 18:29	VS	TAL IRV
Total/NA	Prep	5030B			1.06 g	10 mL	221939	12/02/14 09:12	YK	TAL IRV
Total/NA	Analysis	8015B		200	1.06 g	10 mL	221922	12/02/14 13:02	AK	TAL IRV
Total/NA	Prep	3580A			.2090 g	2 mL	221864	12/01/14 19:51	HN	TAL IRV
Total/NA	Analysis	8015B		20	.2090 g	2 mL	221674	12/02/14 00:34	KW	TAL IRV
Soluble	Leach	DI Leach			0.40 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10000	5 mL		223197	12/09/14 00:38	NN	TAL IRV
Soluble	Leach	DI Leach			0.40 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		10000	5 mL		223198	12/09/14 00:38	NN	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221791	12/01/14 15:00	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	222001	12/02/14 10:54	EN	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	221842	12/01/14 17:04	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222066	12/02/14 13:57	DB	TAL IRV

## Client Sample ID: SACA1123TB004

Lab Sample ID: 440-94483-16

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	221889	12/02/14 10:37	SS	TAL IRV

## Client Sample ID: SACA1123TB006

Lab Sample ID: 440-94483-17

Date Collected: 11/23/14 00:01

Matrix: Water

Date Received: 11/28/14 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	221889	12/02/14 11:07	SS	TAL IRV

# Lab Chronicle

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Client Sample ID: SACA1126TT008**

**Lab Sample ID: 440-94483-18**

**Date Collected: 11/26/14 15:00**

**Matrix: Solid**

**Date Received: 11/28/14 09:23**

**Percent Solids: 36.9**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.02 g	10 mL	222545	12/04/14 10:10	HR	TAL IRV
Total/NA	Analysis	8260B		100	5.02 g	10 mL	222525	12/04/14 18:40	AL	TAL IRV
Total/NA	Prep	3546			1.00 g	1 mL	222519	12/04/14 09:08	QCT	TAL IRV
Total/NA	Analysis	8270C		4	1.00 g	1 mL	222697	12/05/14 08:27	DF	TAL IRV
Total/NA	Prep	5030B			5.02 g	10 mL	222545	12/04/14 10:10	HR	TAL IRV
Total/NA	Analysis	8015B		100	5.02 g	10 mL	222565	12/04/14 13:52	PH	TAL IRV
Total/NA	Prep	3546			1.01 g	1 mL	222514	12/04/14 08:50	BB	TAL IRV
Total/NA	Analysis	8015B		10	1.01 g	1 mL	222530	12/04/14 22:17	KW	TAL IRV
Soluble	Leach	DI Leach			4.01 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223197	12/09/14 01:48	NN	TAL IRV
Soluble	Leach	DI Leach			4.01 g	40 mL	223231	12/08/14 14:14	NN	TAL IRV
Soluble	Analysis	300.0		100	5 mL		223198	12/09/14 01:48	NN	TAL IRV
Total/NA	Prep	3050B			2.00 g	50 mL	222501	12/04/14 08:01	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.00 g	50 mL	222592	12/04/14 13:22	TK	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	222535	12/04/14 09:42	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.49 g	50 mL	222600	12/04/14 13:21	DB	TAL IRV
Total/NA	Analysis	Moisture		1			222570	12/18/14 15:48	NTN	TAL IRV

**Laboratory References:**

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 440-221885/4**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		100		ug/Kg			12/02/14 07:54	100
1,2-Dichloroethane	ND		100		ug/Kg			12/02/14 07:54	100
1,2,4-Trichlorobenzene	ND		250		ug/Kg			12/02/14 07:54	100
1,3,5-Trimethylbenzene	ND		100		ug/Kg			12/02/14 07:54	100
1,4-Dichlorobenzene	ND		100		ug/Kg			12/02/14 07:54	100
1,3-Dichloropropane	ND		100		ug/Kg			12/02/14 07:54	100
4-Chlorotoluene	ND		250		ug/Kg			12/02/14 07:54	100
Bromobenzene	ND		250		ug/Kg			12/02/14 07:54	100
1,3-Dichlorobenzene	ND		100		ug/Kg			12/02/14 07:54	100
1,1-Dichloropropene	ND		100		ug/Kg			12/02/14 07:54	100
2,2-Dichloropropane	ND		200		ug/Kg			12/02/14 07:54	100
Carbon tetrachloride	ND		250		ug/Kg			12/02/14 07:54	100
1,1,1,2-Tetrachloroethane	ND		250		ug/Kg			12/02/14 07:54	100
Chlorobenzene	ND		100		ug/Kg			12/02/14 07:54	100
Chloroform	ND		100		ug/Kg			12/02/14 07:54	100
Benzene	ND		100		ug/Kg			12/02/14 07:54	100
1,1,1-Trichloroethane	ND		100		ug/Kg			12/02/14 07:54	100
cis-1,2-Dichloroethene	ND		100		ug/Kg			12/02/14 07:54	100
Bromomethane	ND		250		ug/Kg			12/02/14 07:54	100
cis-1,3-Dichloropropene	ND		100		ug/Kg			12/02/14 07:54	100
Chloromethane	ND		250		ug/Kg			12/02/14 07:54	100
Dibromochloromethane	ND		100		ug/Kg			12/02/14 07:54	100
Dibromomethane	ND		100		ug/Kg			12/02/14 07:54	100
Bromochloromethane	ND		250		ug/Kg			12/02/14 07:54	100
Chloroethane	ND		250		ug/Kg			12/02/14 07:54	100
Ethylbenzene	ND		100		ug/Kg			12/02/14 07:54	100
Bromoform	ND		250		ug/Kg			12/02/14 07:54	100
m,p-Xylene	ND		200		ug/Kg			12/02/14 07:54	100
Bromodichloromethane	ND		100		ug/Kg			12/02/14 07:54	100
Methylene Chloride	ND		1000		ug/Kg			12/02/14 07:54	100
1,1-Dichloroethane	ND		100		ug/Kg			12/02/14 07:54	100
Methyl-t-Butyl Ether (MTBE)	ND		250		ug/Kg			12/02/14 07:54	100
1,1-Dichloroethene	ND		250		ug/Kg			12/02/14 07:54	100
n-Butylbenzene	ND		250		ug/Kg			12/02/14 07:54	100
N-Propylbenzene	ND		100		ug/Kg			12/02/14 07:54	100
Dichlorodifluoromethane	ND		250		ug/Kg			12/02/14 07:54	100
1,2-Dichloropropane	ND		100		ug/Kg			12/02/14 07:54	100
sec-Butylbenzene	ND		250		ug/Kg			12/02/14 07:54	100
1,1,2-Trichloroethane	ND		100		ug/Kg			12/02/14 07:54	100
Styrene	ND		100		ug/Kg			12/02/14 07:54	100
1,1,2,2-Tetrachloroethane	ND		100		ug/Kg			12/02/14 07:54	100
1,2,3-Trichlorobenzene	ND		250		ug/Kg			12/02/14 07:54	100
Tetrachloroethene	ND		100		ug/Kg			12/02/14 07:54	100
Hexachlorobutadiene	ND		250		ug/Kg			12/02/14 07:54	100
Toluene	ND		100		ug/Kg			12/02/14 07:54	100
Naphthalene	ND		250		ug/Kg			12/02/14 07:54	100
trans-1,2-Dichloroethene	ND		100		ug/Kg			12/02/14 07:54	100
o-Xylene	ND		100		ug/Kg			12/02/14 07:54	100

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221885/4**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		100		ug/Kg			12/02/14 07:54	100
2-Chlorotoluene	ND		250		ug/Kg			12/02/14 07:54	100
Trichloroethene	ND		100		ug/Kg			12/02/14 07:54	100
1,2-Dichlorobenzene	ND		100		ug/Kg			12/02/14 07:54	100
Trichlorofluoromethane	ND		250		ug/Kg			12/02/14 07:54	100
1,2,4-Trimethylbenzene	ND		100		ug/Kg			12/02/14 07:54	100
Vinyl chloride	ND		250		ug/Kg			12/02/14 07:54	100
1,2-Dibromo-3-Chloropropane	ND		250		ug/Kg			12/02/14 07:54	100
Xylenes, Total	ND		200		ug/Kg			12/02/14 07:54	100
1,2,3-Trichloropropane	ND		500		ug/Kg			12/02/14 07:54	100
Isopropyl Ether (DIPE)	ND		250		ug/Kg			12/02/14 07:54	100
Ethyl-t-butyl ether (ETBE)	ND		250		ug/Kg			12/02/14 07:54	100
tert-Butylbenzene	ND		250		ug/Kg			12/02/14 07:54	100
Isopropylbenzene	ND		100		ug/Kg			12/02/14 07:54	100
tert-Butyl alcohol (TBA)	ND		5000		ug/Kg			12/02/14 07:54	100
Tert-amyl-methyl ether (TAME)	ND		250		ug/Kg			12/02/14 07:54	100
p-Isopropyltoluene	ND		100		ug/Kg			12/02/14 07:54	100

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	108		60 - 140		12/02/14 07:54	100
4-Bromofluorobenzene (Surr)	96		65 - 140		12/02/14 07:54	100
Dibromofluoromethane (Surr)	117		55 - 140		12/02/14 07:54	100

**Lab Sample ID: LCS 440-221885/5**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	2500	2405		ug/Kg		96	70 - 130
1,2-Dichloroethane	2500	3384		ug/Kg		135	60 - 145
1,2,4-Trichlorobenzene	2500	2362		ug/Kg		94	65 - 135
1,3,5-Trimethylbenzene	2500	2452		ug/Kg		98	70 - 125
1,4-Dichlorobenzene	2500	2497		ug/Kg		100	70 - 125
1,3-Dichloropropane	2500	2190		ug/Kg		88	65 - 130
4-Chlorotoluene	2500	2442		ug/Kg		98	70 - 125
Bromobenzene	2500	2550		ug/Kg		102	70 - 120
1,3-Dichlorobenzene	2500	2463		ug/Kg		99	70 - 125
1,1-Dichloropropene	2500	2877		ug/Kg		115	70 - 130
2,2-Dichloropropane	2500	2881		ug/Kg		115	60 - 145
Carbon tetrachloride	2500	3210		ug/Kg		128	65 - 145
1,1,1,2-Tetrachloroethane	2500	2724		ug/Kg		109	70 - 140
Chlorobenzene	2500	2445		ug/Kg		98	70 - 125
Chloroform	2500	2848		ug/Kg		114	75 - 130
Benzene	2500	2319		ug/Kg		93	65 - 120
1,1,1-Trichloroethane	2500	3099		ug/Kg		124	65 - 140
cis-1,2-Dichloroethene	2500	2444		ug/Kg		98	65 - 130
Bromomethane	2500	2350		ug/Kg		94	30 - 140
cis-1,3-Dichloropropene	2500	2450		ug/Kg		98	70 - 130

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221885/5**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	2500	2189		ug/Kg		88	30 - 140
Dibromochloromethane	2500	2797		ug/Kg		112	65 - 140
Dibromomethane	2500	2605		ug/Kg		104	65 - 130
Bromochloromethane	2500	2746		ug/Kg		110	65 - 125
Chloroethane	2500	2182		ug/Kg		87	40 - 140
Ethylbenzene	2500	2402		ug/Kg		96	80 - 120
Bromoform	2500	2890		ug/Kg		116	50 - 130
m,p-Xylene	2500	2429		ug/Kg		97	70 - 125
Bromodichloromethane	2500	2942		ug/Kg		118	65 - 135
Methylene Chloride	2500	2253		ug/Kg		90	60 - 140
1,1-Dichloroethane	2500	2724		ug/Kg		109	65 - 130
Methyl-t-Butyl Ether (MTBE)	2500	2713		ug/Kg		109	55 - 145
1,1-Dichloroethene	2500	2182		ug/Kg		87	75 - 140
n-Butylbenzene	2500	2240		ug/Kg		90	70 - 130
N-Propylbenzene	2500	2279		ug/Kg		91	70 - 130
Dichlorodifluoromethane	2500	1620		ug/Kg		65	10 - 155
1,2-Dichloropropane	2500	2326		ug/Kg		93	75 - 125
sec-Butylbenzene	2500	2300		ug/Kg		92	70 - 125
1,1,2-Trichloroethane	2500	2222		ug/Kg		89	65 - 130
Styrene	2500	2340		ug/Kg		94	70 - 135
1,1,2,2-Tetrachloroethane	2500	1982		ug/Kg		79	55 - 135
1,2,3-Trichlorobenzene	2500	1971		ug/Kg		79	60 - 135
Tetrachloroethene	2500	2876		ug/Kg		115	65 - 125
Hexachlorobutadiene	2500	2888		ug/Kg		116	60 - 135
Toluene	2500	2262		ug/Kg		90	80 - 120
Naphthalene	2500	1780		ug/Kg		71	50 - 140
trans-1,2-Dichloroethene	2500	2336		ug/Kg		93	65 - 130
o-Xylene	2500	2405		ug/Kg		96	70 - 125
trans-1,3-Dichloropropene	2500	2861		ug/Kg		114	65 - 135
2-Chlorotoluene	2500	2409		ug/Kg		96	70 - 125
Trichloroethene	2500	2772		ug/Kg		111	70 - 130
1,2-Dichlorobenzene	2500	2520		ug/Kg		101	70 - 120
Trichlorofluoromethane	2500	2873		ug/Kg		115	50 - 145
1,2,4-Trimethylbenzene	2500	2443		ug/Kg		98	70 - 125
Vinyl chloride	2500	2109		ug/Kg		84	10 - 120
1,2-Dibromo-3-Chloropropane	2500	2100		ug/Kg		84	45 - 135
1,2,3-Trichloropropane	2500	2051		ug/Kg		82	55 - 130
Isopropyl Ether (DIPE)	2500	2577		ug/Kg		103	60 - 140
Ethyl-t-butyl ether (ETBE)	2500	2552		ug/Kg		102	60 - 140
tert-Butylbenzene	2500	2461		ug/Kg		98	70 - 125
Isopropylbenzene	2500	2524		ug/Kg		101	70 - 125
tert-Butyl alcohol (TBA)	25000	27510		ug/Kg		110	65 - 140
Tert-amyl-methyl ether (TAME)	2500	2452		ug/Kg		98	60 - 145
p-Isopropyltoluene	2500	2389		ug/Kg		96	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	100		60 - 140
4-Bromofluorobenzene (Surr)	97		65 - 140

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221885/5**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	118		55 - 140

**Lab Sample ID: LCSD 440-221885/6**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
							Limits		
1,2-Dibromoethane (EDB)	2500	2455		ug/Kg		98	70 - 130	2	20
1,2-Dichloroethane	2500	3328		ug/Kg		133	60 - 145	2	20
1,2,4-Trichlorobenzene	2500	2533		ug/Kg		101	65 - 135	7	20
1,3,5-Trimethylbenzene	2500	2556		ug/Kg		102	70 - 125	4	20
1,4-Dichlorobenzene	2500	2574		ug/Kg		103	70 - 125	3	20
1,3-Dichloropropane	2500	2186		ug/Kg		87	65 - 130	0	20
4-Chlorotoluene	2500	2462		ug/Kg		98	70 - 125	1	20
Bromobenzene	2500	2594		ug/Kg		104	70 - 120	2	20
1,3-Dichlorobenzene	2500	2495		ug/Kg		100	70 - 125	1	20
1,1-Dichloropropene	2500	2865		ug/Kg		115	70 - 130	0	20
2,2-Dichloropropane	2500	2859		ug/Kg		114	60 - 145	1	25
Carbon tetrachloride	2500	3187		ug/Kg		127	65 - 145	1	20
1,1,1,2-Tetrachloroethane	2500	2795		ug/Kg		112	70 - 140	3	20
Chlorobenzene	2500	2426		ug/Kg		97	70 - 125	1	20
Chloroform	2500	2902		ug/Kg		116	75 - 130	2	20
Benzene	2500	2333		ug/Kg		93	65 - 120	1	20
1,1,1-Trichloroethane	2500	3189		ug/Kg		128	65 - 140	3	20
cis-1,2-Dichloroethene	2500	2421		ug/Kg		97	65 - 130	1	20
Bromomethane	2500	2254		ug/Kg		90	30 - 140	4	30
cis-1,3-Dichloropropene	2500	2414		ug/Kg		97	70 - 130	1	20
Chloromethane	2500	1853		ug/Kg		74	30 - 140	17	25
Dibromochloromethane	2500	2783		ug/Kg		111	65 - 140	0	20
Dibromomethane	2500	2602		ug/Kg		104	65 - 130	0	20
Bromochloromethane	2500	2732		ug/Kg		109	65 - 125	1	20
Chloroethane	2500	2085		ug/Kg		83	40 - 140	5	25
Ethylbenzene	2500	2431		ug/Kg		97	80 - 120	1	20
Bromoform	2500	2985		ug/Kg		119	50 - 130	3	25
m,p-Xylene	2500	2429		ug/Kg		97	70 - 125	0	20
Bromodichloromethane	2500	2920		ug/Kg		117	65 - 135	1	20
Methylene Chloride	2500	2088		ug/Kg		84	60 - 140	8	20
1,1-Dichloroethane	2500	2743		ug/Kg		110	65 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	2500	2688		ug/Kg		108	55 - 145	1	25
1,1-Dichloroethene	2500	2161		ug/Kg		86	75 - 140	1	20
n-Butylbenzene	2500	2311		ug/Kg		92	70 - 130	3	20
N-Propylbenzene	2500	2319		ug/Kg		93	70 - 130	2	20
Dichlorodifluoromethane	2500	1100	*	ug/Kg		44	10 - 155	38	30
1,2-Dichloropropane	2500	2423		ug/Kg		97	75 - 125	4	20
sec-Butylbenzene	2500	2383		ug/Kg		95	70 - 125	4	20
1,1,2-Trichloroethane	2500	2263		ug/Kg		91	65 - 130	2	20
Styrene	2500	2364		ug/Kg		95	70 - 135	1	20
1,1,2,2-Tetrachloroethane	2500	2014		ug/Kg		81	55 - 135	2	25

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 440-221885/6**

**Matrix: Solid**

**Analysis Batch: 221885**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	2500	2095		ug/Kg		84	60 - 135	6	20
Tetrachloroethene	2500	2896		ug/Kg		116	65 - 125	1	20
Hexachlorobutadiene	2500	2965		ug/Kg		119	60 - 135	3	20
Toluene	2500	2322		ug/Kg		93	80 - 120	3	20
Naphthalene	2500	1890		ug/Kg		76	50 - 140	6	25
trans-1,2-Dichloroethene	2500	2355		ug/Kg		94	65 - 130	1	20
o-Xylene	2500	2420		ug/Kg		97	70 - 125	1	20
trans-1,3-Dichloropropene	2500	2796		ug/Kg		112	65 - 135	2	20
2-Chlorotoluene	2500	2487		ug/Kg		99	70 - 125	3	20
Trichloroethene	2500	2815		ug/Kg		113	70 - 130	2	20
1,2-Dichlorobenzene	2500	2556		ug/Kg		102	70 - 120	1	20
Trichlorofluoromethane	2500	2890		ug/Kg		116	50 - 145	1	25
1,2,4-Trimethylbenzene	2500	2477		ug/Kg		99	70 - 125	1	20
Vinyl chloride	2500	1952		ug/Kg		78	10 - 120	8	30
1,2-Dibromo-3-Chloropropane	2500	2101		ug/Kg		84	45 - 135	0	25
1,2,3-Trichloropropane	2500	2112		ug/Kg		84	55 - 130	3	25
Isopropyl Ether (DIPE)	2500	2555		ug/Kg		102	60 - 140	1	20
Ethyl-t-butyl ether (ETBE)	2500	2579		ug/Kg		103	60 - 140	1	20
tert-Butylbenzene	2500	2495		ug/Kg		100	70 - 125	1	20
Isopropylbenzene	2500	2548		ug/Kg		102	70 - 125	1	20
tert-Butyl alcohol (TBA)	25000	29030		ug/Kg		116	65 - 140	5	20
Tert-amyl-methyl ether (TAME)	2500	2475		ug/Kg		99	60 - 145	1	25
p-Isopropyltoluene	2500	2465		ug/Kg		99	70 - 125	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	99		60 - 140
4-Bromofluorobenzene (Surr)	95		65 - 140
Dibromofluoromethane (Surr)	116		55 - 140

**Lab Sample ID: MB 440-221889/5**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/02/14 08:38	1
1,2-Dichloroethane	ND		2.00		ug/L			12/02/14 08:38	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/02/14 08:38	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/02/14 08:38	1
1,4-Dichlorobenzene	ND		2.00		ug/L			12/02/14 08:38	1
1,3-Dichloropropane	ND		2.00		ug/L			12/02/14 08:38	1
4-Chlorotoluene	ND		5.00		ug/L			12/02/14 08:38	1
Bromobenzene	ND		5.00		ug/L			12/02/14 08:38	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/02/14 08:38	1
1,1-Dichloropropene	ND		2.00		ug/L			12/02/14 08:38	1
2,2-Dichloropropane	ND		2.00		ug/L			12/02/14 08:38	1
Carbon tetrachloride	ND		5.00		ug/L			12/02/14 08:38	1
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/02/14 08:38	1
Chlorobenzene	ND		2.00		ug/L			12/02/14 08:38	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221889/5**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.00		ug/L			12/02/14 08:38	1
Benzene	ND		2.00		ug/L			12/02/14 08:38	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/02/14 08:38	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 08:38	1
Bromomethane	ND		5.00		ug/L			12/02/14 08:38	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 08:38	1
Chloromethane	ND		5.00		ug/L			12/02/14 08:38	1
Dibromochloromethane	ND		2.00		ug/L			12/02/14 08:38	1
Dibromomethane	ND		2.00		ug/L			12/02/14 08:38	1
Bromochloromethane	ND		5.00		ug/L			12/02/14 08:38	1
Chloroethane	ND		5.00		ug/L			12/02/14 08:38	1
Ethylbenzene	ND		2.00		ug/L			12/02/14 08:38	1
Bromoform	ND		5.00		ug/L			12/02/14 08:38	1
m,p-Xylene	ND		2.00		ug/L			12/02/14 08:38	1
Bromodichloromethane	ND		2.00		ug/L			12/02/14 08:38	1
Methylene Chloride	ND		5.00		ug/L			12/02/14 08:38	1
1,1-Dichloroethane	ND		2.00		ug/L			12/02/14 08:38	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/02/14 08:38	1
1,1-Dichloroethene	ND		5.00		ug/L			12/02/14 08:38	1
n-Butylbenzene	ND		5.00		ug/L			12/02/14 08:38	1
N-Propylbenzene	ND		2.00		ug/L			12/02/14 08:38	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/02/14 08:38	1
1,2-Dichloropropane	ND		2.00		ug/L			12/02/14 08:38	1
sec-Butylbenzene	ND		5.00		ug/L			12/02/14 08:38	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/02/14 08:38	1
Styrene	ND		2.00		ug/L			12/02/14 08:38	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			12/02/14 08:38	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/02/14 08:38	1
Tetrachloroethene	ND		2.00		ug/L			12/02/14 08:38	1
Hexachlorobutadiene	ND		5.00		ug/L			12/02/14 08:38	1
Toluene	ND		2.00		ug/L			12/02/14 08:38	1
Naphthalene	ND		5.00		ug/L			12/02/14 08:38	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/02/14 08:38	1
o-Xylene	ND		2.00		ug/L			12/02/14 08:38	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/02/14 08:38	1
2-Chlorotoluene	ND		5.00		ug/L			12/02/14 08:38	1
Trichloroethene	ND		2.00		ug/L			12/02/14 08:38	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/02/14 08:38	1
Trichlorofluoromethane	ND		5.00		ug/L			12/02/14 08:38	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/02/14 08:38	1
Vinyl chloride	ND		5.00		ug/L			12/02/14 08:38	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/02/14 08:38	1
Xylenes, Total	ND		2.00		ug/L			12/02/14 08:38	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/02/14 08:38	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/02/14 08:38	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/02/14 08:38	1
tert-Butylbenzene	ND		5.00		ug/L			12/02/14 08:38	1
Isopropylbenzene	ND		2.00		ug/L			12/02/14 08:38	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221889/5**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			12/02/14 08:38	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/02/14 08:38	1
p-Isopropyltoluene	ND		2.00		ug/L			12/02/14 08:38	1

  

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	111		80 - 128		12/02/14 08:38	1
4-Bromofluorobenzene (Surr)	107		80 - 120		12/02/14 08:38	1
Dibromofluoromethane (Surr)	106		76 - 132		12/02/14 08:38	1

**Lab Sample ID: LCS 440-221889/6**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	25.0	26.29		ug/L		105	70 - 130
1,2-Dichloroethane	25.0	26.89		ug/L		108	57 - 138
1,2,4-Trichlorobenzene	25.0	27.89		ug/L		112	60 - 140
1,3,5-Trimethylbenzene	25.0	26.61		ug/L		106	70 - 136
1,4-Dichlorobenzene	25.0	25.51		ug/L		102	70 - 130
1,3-Dichloropropane	25.0	24.39		ug/L		98	70 - 130
4-Chlorotoluene	25.0	26.12		ug/L		104	70 - 130
Bromobenzene	25.0	26.86		ug/L		107	70 - 130
1,3-Dichlorobenzene	25.0	25.16		ug/L		101	70 - 130
1,1-Dichloropropene	25.0	27.99		ug/L		112	70 - 130
2,2-Dichloropropane	25.0	25.12		ug/L		100	68 - 141
Carbon tetrachloride	25.0	26.49		ug/L		106	60 - 150
1,1,1,2-Tetrachloroethane	25.0	26.89		ug/L		108	60 - 141
Chlorobenzene	25.0	24.72		ug/L		99	70 - 130
Chloroform	25.0	25.92		ug/L		104	70 - 130
Benzene	25.0	25.49		ug/L		102	68 - 130
1,1,1-Trichloroethane	25.0	25.51		ug/L		102	70 - 130
cis-1,2-Dichloroethane	25.0	26.55		ug/L		106	70 - 133
Bromomethane	25.0	24.33		ug/L		97	64 - 139
cis-1,3-Dichloropropene	25.0	28.24		ug/L		113	70 - 133
Chloromethane	25.0	23.55		ug/L		94	47 - 140
Dibromochloromethane	25.0	27.29		ug/L		109	69 - 145
Dibromomethane	25.0	27.10		ug/L		108	70 - 130
Bromochloromethane	25.0	27.00		ug/L		108	70 - 130
Chloroethane	25.0	22.88		ug/L		92	64 - 135
Ethylbenzene	25.0	24.62		ug/L		98	70 - 130
Bromoform	25.0	25.24		ug/L		101	60 - 148
m,p-Xylene	25.0	25.68		ug/L		103	70 - 130
Bromodichloromethane	25.0	26.97		ug/L		108	70 - 132
Methylene Chloride	25.0	24.89		ug/L		100	52 - 130
1,1-Dichloroethane	25.0	26.40		ug/L		106	64 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	26.75		ug/L		107	63 - 131
1,1-Dichloroethene	25.0	25.07		ug/L		100	70 - 130
n-Butylbenzene	25.0	26.83		ug/L		107	65 - 150

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221889/6**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Propylbenzene	25.0	25.82		ug/L		103	67 - 139
Dichlorodifluoromethane	25.0	17.44		ug/L		70	29 - 150
1,2-Dichloropropane	25.0	26.47		ug/L		106	67 - 130
sec-Butylbenzene	25.0	26.07		ug/L		104	70 - 138
1,1,2-Trichloroethane	25.0	26.04		ug/L		104	70 - 130
Styrene	25.0	26.91		ug/L		108	70 - 134
1,1,1,2-Tetrachloroethane	25.0	26.38		ug/L		106	63 - 130
1,2,3-Trichlorobenzene	25.0	27.23		ug/L		109	60 - 140
Tetrachloroethene	25.0	23.37		ug/L		93	70 - 130
Hexachlorobutadiene	25.0	25.90		ug/L		104	10 - 150
Toluene	25.0	24.93		ug/L		100	70 - 130
Naphthalene	25.0	28.97		ug/L		116	60 - 140
trans-1,2-Dichloroethene	25.0	26.30		ug/L		105	70 - 130
o-Xylene	25.0	25.27		ug/L		101	70 - 130
trans-1,3-Dichloropropene	25.0	29.60		ug/L		118	70 - 132
2-Chlorotoluene	25.0	26.25		ug/L		105	70 - 130
Trichloroethene	25.0	25.88		ug/L		104	70 - 130
1,2-Dichlorobenzene	25.0	26.21		ug/L		105	70 - 130
Trichlorofluoromethane	25.0	25.35		ug/L		101	60 - 150
1,2,4-Trimethylbenzene	25.0	26.40		ug/L		106	70 - 135
Vinyl chloride	25.0	23.59		ug/L		94	59 - 133
1,2-Dibromo-3-Chloropropane	25.0	27.52		ug/L		110	52 - 140
1,2,3-Trichloropropane	25.0	27.15		ug/L		109	63 - 130
Isopropyl Ether (DIPE)	25.0	23.72		ug/L		95	58 - 139
Ethyl-t-butyl ether (ETBE)	25.0	24.10		ug/L		96	60 - 136
tert-Butylbenzene	25.0	26.32		ug/L		105	70 - 130
Isopropylbenzene	25.0	25.46		ug/L		102	70 - 136
tert-Butyl alcohol (TBA)	25.0	25.9		ug/L		102	70 - 130
Tert-amyl-methyl ether (TAME)	25.0	24.66		ug/L		99	57 - 139
p-Isopropyltoluene	25.0	25.78		ug/L		103	70 - 132

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	107		80 - 128
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	107		76 - 132

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		25.0	28.15		ug/L		113	60 - 149
1,1,1-Trichloroethane	ND		25.0	27.70		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	29.90		ug/L		120	63 - 130
1,1,2-Trichloroethane	ND		25.0	27.66		ug/L		111	70 - 130
1,1-Dichloroethane	ND		25.0	27.43		ug/L		110	65 - 130
1,1-Dichloroethene	ND		25.0	7.658	F1	ug/L		31	70 - 130
1,1-Dichloropropene	ND		25.0	4.436	F1	ug/L		18	64 - 130

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,3-Trichlorobenzene	ND		25.0	26.17		ug/L		105	60 - 140
1,2,3-Trichloropropane	ND		25.0	21.66		ug/L		87	60 - 130
1,2,4-Trichlorobenzene	ND		25.0	27.70		ug/L		111	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	ND	F1	ug/L		0	70 - 130
1,2-Dibromo-3-Chloropropane	ND		25.0	30.60		ug/L		122	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	29.04		ug/L		116	70 - 131
1,2-Dichlorobenzene	ND		25.0	25.91		ug/L		104	70 - 130
1,2-Dichloroethane	ND		25.0	28.21		ug/L		113	56 - 146
1,2-Dichloropropane	ND		25.0	27.90		ug/L		112	69 - 130
1,3,5-Trimethylbenzene	ND		25.0	ND	F1	ug/L		0	70 - 130
1,3-Dichlorobenzene	ND		25.0	25.42		ug/L		102	70 - 130
1,3-Dichloropropane	ND		25.0	27.46		ug/L		110	70 - 130
1,4-Dichlorobenzene	ND		25.0	25.49		ug/L		102	70 - 130
2,2-Dichloropropane	ND		25.0	26.44		ug/L		106	69 - 138
2-Chlorotoluene	ND		25.0	25.09		ug/L		100	70 - 130
4-Chlorotoluene	ND		25.0	25.48		ug/L		102	70 - 130
Benzene	ND		25.0	27.22		ug/L		107	66 - 130
Bromobenzene	ND		25.0	26.79		ug/L		107	70 - 130
Bromochloromethane	ND		25.0	28.27		ug/L		113	70 - 130
Bromodichloromethane	ND		25.0	28.58		ug/L		108	70 - 138
Bromoform	18.6		25.0	36.55		ug/L		72	59 - 150
Bromomethane	ND		25.0	28.23		ug/L		113	62 - 131
Carbon tetrachloride	ND		25.0	28.62		ug/L		114	60 - 150
Chlorobenzene	ND		25.0	28.26		ug/L		108	70 - 130
Chloroethane	ND		25.0	25.69		ug/L		103	68 - 130
Chloroform	ND		25.0	27.41		ug/L		103	70 - 130
Chloromethane	ND		25.0	43.14	F1	ug/L		157	39 - 144
cis-1,2-Dichloroethene	ND		25.0	28.22		ug/L		113	70 - 130
cis-1,3-Dichloropropene	ND		25.0	ND	F1	ug/L		3	70 - 133
Dibromochloromethane	3.12		25.0	29.62		ug/L		106	70 - 148
Dibromomethane	ND		25.0	29.09		ug/L		116	70 - 130
Dichlorodifluoromethane	ND		25.0	20.93		ug/L		84	25 - 142
Ethylbenzene	ND		25.0	3.627	F1	ug/L		15	70 - 130
Hexachlorobutadiene	ND		25.0	23.56		ug/L		94	10 - 150
Isopropylbenzene	ND		25.0	4.589	F1	ug/L		18	70 - 132
m,p-Xylene	ND		25.0	ND	F1	ug/L		3	70 - 133
Methylene Chloride	ND		25.0	25.83		ug/L		103	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	27.45		ug/L		110	70 - 130
Naphthalene	ND		25.0	ND	F1	ug/L		0	60 - 140
n-Butylbenzene	ND		25.0	9.977	F1	ug/L		40	61 - 149
N-Propylbenzene	ND		25.0	3.956	F1	ug/L		16	66 - 135
o-Xylene	ND		25.0	ND	F1	ug/L		3	70 - 133
sec-Butylbenzene	ND		25.0	ND	F1	ug/L		17	67 - 134
Styrene	ND		25.0	ND	F1	ug/L		0	29 - 150
Tert-amyl-methyl ether (TAME)	ND		25.0	24.16		ug/L		97	68 - 133
tert-Butylbenzene	ND		25.0	5.471	F1	ug/L		22	70 - 130
Tetrachloroethene	ND		25.0	24.91		ug/L		100	70 - 137
Toluene	ND		25.0	3.311	F1	ug/L		13	70 - 130

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
trans-1,2-Dichloroethene	ND		25.0	26.04		ug/L		104	70 - 130
trans-1,3-Dichloropropene	ND		25.0	ND	F1	ug/L		2	70 - 138
Trichloroethene	ND		25.0	27.00		ug/L		108	70 - 130
Trichlorofluoromethane	ND		25.0	27.39		ug/L		110	60 - 150
Vinyl chloride	ND		25.0	ND	F1	ug/L		8	50 - 137
Isopropyl Ether (DIPE)	ND		25.0	26.33		ug/L		105	64 - 138
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.39		ug/L		98	70 - 130
tert-Butyl alcohol (TBA)	65.9		250	292.2		ug/L		91	70 - 130
p-Isopropyltoluene	ND		25.0	ND	F1	ug/L		7	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	13	X	80 - 128
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	110		76 - 132

**Lab Sample ID: 440-94483-11 MSD**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	ND		25.0	28.00		ug/L		112	60 - 149	1	20
1,1,1-Trichloroethane	ND		25.0	25.63		ug/L		103	70 - 130	8	20
1,1,1,2-Tetrachloroethane	ND		25.0	30.53		ug/L		122	63 - 130	2	30
1,1,1,2-Trichloroethane	ND		25.0	28.05		ug/L		112	70 - 130	1	25
1,1-Dichloroethane	ND		25.0	26.81		ug/L		107	65 - 130	2	20
1,1-Dichloroethene	ND		25.0	10.65	F1 F2	ug/L		43	70 - 130	33	20
1,1-Dichloropropene	ND		25.0	5.689	F1 F2	ug/L		23	64 - 130	25	20
1,2,3-Trichlorobenzene	ND		25.0	22.44		ug/L		90	60 - 140	15	20
1,2,3-Trichloropropane	ND		25.0	22.38		ug/L		90	60 - 130	3	30
1,2,4-Trichlorobenzene	ND		25.0	24.88		ug/L		100	60 - 140	11	20
1,2,4-Trimethylbenzene	ND		25.0	ND	F1	ug/L		0	70 - 130	NC	25
1,2-Dibromo-3-Chloropropane	ND		25.0	30.41		ug/L		122	48 - 140	1	30
1,2-Dibromoethane (EDB)	ND		25.0	29.27		ug/L		117	70 - 131	1	25
1,2-Dichlorobenzene	ND		25.0	25.47		ug/L		102	70 - 130	2	20
1,2-Dichloroethane	ND		25.0	27.48		ug/L		110	56 - 146	3	20
1,2-Dichloropropane	ND		25.0	28.07		ug/L		112	69 - 130	1	20
1,3,5-Trimethylbenzene	ND		25.0	ND	F1	ug/L		0	70 - 130	NC	20
1,3-Dichlorobenzene	ND		25.0	24.86		ug/L		99	70 - 130	2	20
1,3-Dichloropropane	ND		25.0	26.66		ug/L		107	70 - 130	3	25
1,4-Dichlorobenzene	ND		25.0	25.25		ug/L		101	70 - 130	1	20
2,2-Dichloropropane	ND		25.0	24.52		ug/L		98	69 - 138	8	25
2-Chlorotoluene	ND		25.0	24.17		ug/L		97	70 - 130	4	20
4-Chlorotoluene	ND		25.0	24.49		ug/L		98	70 - 130	4	20
Benzene	ND		25.0	26.91		ug/L		106	66 - 130	1	20
Bromobenzene	ND		25.0	27.05		ug/L		108	70 - 130	1	20
Bromochloromethane	ND		25.0	28.90		ug/L		116	70 - 130	2	25
Bromodichloromethane	ND		25.0	27.63		ug/L		104	70 - 138	3	20
Bromoform	18.6		25.0	46.07		ug/L		110	59 - 150	23	25

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94483-11 MSD**

**Matrix: Water**

**Analysis Batch: 221889**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromomethane	ND		25.0	28.39		ug/L		114	62 - 131	1	25
Carbon tetrachloride	ND		25.0	27.08		ug/L		108	60 - 150	6	25
Chlorobenzene	ND		25.0	27.05		ug/L		103	70 - 130	4	20
Chloroethane	ND		25.0	24.39		ug/L		98	68 - 130	5	25
Chloroform	ND		25.0	26.63		ug/L		100	70 - 130	3	20
Chloromethane	ND		25.0	40.85	F1	ug/L		148	39 - 144	5	25
cis-1,2-Dichloroethene	ND		25.0	26.85		ug/L		107	70 - 130	5	20
cis-1,3-Dichloropropene	ND		25.0	ND	F1 F2	ug/L		4	70 - 133	23	20
Dibromochloromethane	3.12		25.0	31.20		ug/L		112	70 - 148	5	25
Dibromomethane	ND		25.0	28.25		ug/L		113	70 - 130	3	25
Dichlorodifluoromethane	ND		25.0	19.17		ug/L		77	25 - 142	9	30
Ethylbenzene	ND		25.0	6.572	F1 F2	ug/L		26	70 - 130	58	20
Hexachlorobutadiene	ND		25.0	21.92		ug/L		88	10 - 150	7	20
Isopropylbenzene	ND		25.0	7.998	F1 F2	ug/L		32	70 - 132	54	20
m,p-Xylene	ND		25.0	ND	F1 F2	ug/L		4	70 - 133	32	25
Methylene Chloride	ND		25.0	25.73		ug/L		103	52 - 130	0	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	28.39		ug/L		114	70 - 130	3	25
Naphthalene	ND		25.0	ND	F1	ug/L		0	60 - 140	NC	30
n-Butylbenzene	ND		25.0	8.388	F1	ug/L		34	61 - 149	17	20
N-Propylbenzene	ND		25.0	6.736	F1 F2	ug/L		27	66 - 135	52	20
o-Xylene	ND		25.0	ND	F1	ug/L		3	70 - 133	14	20
sec-Butylbenzene	ND		25.0	6.843	F1 F2	ug/L		27	67 - 134	44	20
Styrene	ND		25.0	ND	F1	ug/L		0	29 - 150	NC	35
Tert-amyl-methyl ether (TAME)	ND		25.0	24.80		ug/L		99	68 - 133	3	30
tert-Butylbenzene	ND		25.0	8.041	F1 F2	ug/L		32	70 - 130	38	20
Tetrachloroethene	ND		25.0	23.95		ug/L		96	70 - 137	4	20
Toluene	ND		25.0	5.537	F1 F2	ug/L		22	70 - 130	50	20
trans-1,2-Dichloroethene	ND		25.0	25.56		ug/L		102	70 - 130	2	20
trans-1,3-Dichloropropene	ND		25.0	ND	F1	ug/L		2	70 - 138	4	25
Trichloroethene	ND		25.0	25.87		ug/L		103	70 - 130	4	20
Trichlorofluoromethane	ND		25.0	25.66		ug/L		103	60 - 150	7	25
Vinyl chloride	ND		25.0	ND	F1 F2	ug/L		13	50 - 137	44	30
Isopropyl Ether (DIPE)	ND		25.0	26.01		ug/L		104	64 - 138	1	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	24.52		ug/L		98	70 - 130	1	25
tert-Butyl alcohol (TBA)	65.9		250	281.8		ug/L		86	70 - 130	4	25
p-Isopropyltoluene	ND		25.0	2.196	F1 F2	ug/L		9	70 - 130	24	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	26	X	80 - 128
4-Bromofluorobenzene (Surr)	108		80 - 120
Dibromofluoromethane (Surr)	109		76 - 132

**Lab Sample ID: MB 440-222123/4**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane (EDB)	ND		2.00		ug/Kg			12/02/14 19:40	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-222123/4

Matrix: Solid

Analysis Batch: 222123

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloroethane	ND		2.00		ug/Kg			12/02/14 19:40	1
1,2,4-Trichlorobenzene	ND		5.00		ug/Kg			12/02/14 19:40	1
1,3,5-Trimethylbenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
1,4-Dichlorobenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
1,3-Dichloropropane	ND		2.00		ug/Kg			12/02/14 19:40	1
4-Chlorotoluene	ND		5.00		ug/Kg			12/02/14 19:40	1
Bromobenzene	ND		5.00		ug/Kg			12/02/14 19:40	1
1,3-Dichlorobenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
1,1-Dichloropropene	ND		2.00		ug/Kg			12/02/14 19:40	1
2,2-Dichloropropane	ND		2.00		ug/Kg			12/02/14 19:40	1
Carbon tetrachloride	ND		5.00		ug/Kg			12/02/14 19:40	1
1,1,1,2-Tetrachloroethane	ND		5.00		ug/Kg			12/02/14 19:40	1
Chlorobenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
Chloroform	ND		2.00		ug/Kg			12/02/14 19:40	1
Benzene	ND		2.00		ug/Kg			12/02/14 19:40	1
1,1,1-Trichloroethane	ND		2.00		ug/Kg			12/02/14 19:40	1
cis-1,2-Dichloroethene	ND		2.00		ug/Kg			12/02/14 19:40	1
Bromomethane	ND		5.00		ug/Kg			12/02/14 19:40	1
cis-1,3-Dichloropropene	ND		2.00		ug/Kg			12/02/14 19:40	1
Chloromethane	ND		5.00		ug/Kg			12/02/14 19:40	1
Dibromochloromethane	ND		2.00		ug/Kg			12/02/14 19:40	1
Dibromomethane	ND		2.00		ug/Kg			12/02/14 19:40	1
Bromochloromethane	ND		5.00		ug/Kg			12/02/14 19:40	1
Chloroethane	ND		5.00		ug/Kg			12/02/14 19:40	1
Ethylbenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
Bromoform	ND		5.00		ug/Kg			12/02/14 19:40	1
m,p-Xylene	ND		4.00		ug/Kg			12/02/14 19:40	1
Bromodichloromethane	ND		2.00		ug/Kg			12/02/14 19:40	1
Methylene Chloride	ND		20.0		ug/Kg			12/02/14 19:40	1
1,1-Dichloroethane	ND		2.00		ug/Kg			12/02/14 19:40	1
Methyl-t-Butyl Ether (MTBE)	ND		5.00		ug/Kg			12/02/14 19:40	1
1,1-Dichloroethene	ND		5.00		ug/Kg			12/02/14 19:40	1
n-Butylbenzene	ND		5.00		ug/Kg			12/02/14 19:40	1
N-Propylbenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
Dichlorodifluoromethane	ND		5.00		ug/Kg			12/02/14 19:40	1
1,2-Dichloropropane	ND		2.00		ug/Kg			12/02/14 19:40	1
sec-Butylbenzene	ND		5.00		ug/Kg			12/02/14 19:40	1
1,1,2-Trichloroethane	ND		2.00		ug/Kg			12/02/14 19:40	1
Styrene	ND		2.00		ug/Kg			12/02/14 19:40	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/Kg			12/02/14 19:40	1
1,2,3-Trichlorobenzene	ND		5.00		ug/Kg			12/02/14 19:40	1
Tetrachloroethene	ND		2.00		ug/Kg			12/02/14 19:40	1
Hexachlorobutadiene	ND		5.00		ug/Kg			12/02/14 19:40	1
Toluene	ND		2.00		ug/Kg			12/02/14 19:40	1
Naphthalene	ND		5.00		ug/Kg			12/02/14 19:40	1
trans-1,2-Dichloroethene	ND		2.00		ug/Kg			12/02/14 19:40	1
o-Xylene	ND		2.00		ug/Kg			12/02/14 19:40	1
trans-1,3-Dichloropropene	ND		2.00		ug/Kg			12/02/14 19:40	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-222123/4**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		5.00		ug/Kg			12/02/14 19:40	1
Trichloroethene	ND		2.00		ug/Kg			12/02/14 19:40	1
1,2-Dichlorobenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
Trichlorofluoromethane	ND		5.00		ug/Kg			12/02/14 19:40	1
1,2,4-Trimethylbenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
Vinyl chloride	ND		5.00		ug/Kg			12/02/14 19:40	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/Kg			12/02/14 19:40	1
Xylenes, Total	ND		4.00		ug/Kg			12/02/14 19:40	1
1,2,3-Trichloropropane	ND		10.0		ug/Kg			12/02/14 19:40	1
Isopropyl Ether (DIPE)	ND		5.00		ug/Kg			12/02/14 19:40	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/Kg			12/02/14 19:40	1
tert-Butylbenzene	ND		5.00		ug/Kg			12/02/14 19:40	1
Isopropylbenzene	ND		2.00		ug/Kg			12/02/14 19:40	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			12/02/14 19:40	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/Kg			12/02/14 19:40	1
p-Isopropyltoluene	ND		2.00		ug/Kg			12/02/14 19:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		79 - 123		12/02/14 19:40	1
4-Bromofluorobenzene (Surr)	105		79 - 120		12/02/14 19:40	1
Dibromofluoromethane (Surr)	95		60 - 120		12/02/14 19:40	1

**Lab Sample ID: LCS 440-222123/5**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane (EDB)	50.0	50.20		ug/Kg		100	70 - 130
1,2-Dichloroethane	50.0	46.15		ug/Kg		92	60 - 140
1,2,4-Trichlorobenzene	50.0	51.99		ug/Kg		104	70 - 135
1,3,5-Trimethylbenzene	50.0	46.46		ug/Kg		93	70 - 125
1,4-Dichlorobenzene	50.0	46.59		ug/Kg		93	75 - 120
1,3-Dichloropropane	50.0	47.31		ug/Kg		95	70 - 125
4-Chlorotoluene	50.0	44.20		ug/Kg		88	75 - 125
Bromobenzene	50.0	44.06		ug/Kg		88	75 - 120
1,3-Dichlorobenzene	50.0	45.40		ug/Kg		91	75 - 125
1,1-Dichloropropene	50.0	53.52		ug/Kg		107	70 - 130
2,2-Dichloropropane	50.0	56.87		ug/Kg		114	60 - 145
Carbon tetrachloride	50.0	60.11		ug/Kg		120	65 - 140
1,1,1,2-Tetrachloroethane	50.0	54.66		ug/Kg		109	70 - 130
Chlorobenzene	50.0	45.46		ug/Kg		91	75 - 120
Chloroform	50.0	45.83		ug/Kg		92	70 - 130
Benzene	50.0	44.50		ug/Kg		89	65 - 120
1,1,1-Trichloroethane	50.0	53.27		ug/Kg		107	65 - 135
cis-1,2-Dichloroethene	50.0	48.77		ug/Kg		98	70 - 125
Bromomethane	50.0	36.83		ug/Kg		74	60 - 145
cis-1,3-Dichloropropene	50.0	54.28		ug/Kg		109	75 - 125
Chloromethane	50.0	39.42		ug/Kg		79	45 - 145

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-222123/5**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	50.0	57.75		ug/Kg		115	65 - 140
Dibromomethane	50.0	45.08		ug/Kg		90	70 - 130
Bromochloromethane	50.0	46.03		ug/Kg		92	70 - 135
Chloroethane	50.0	41.32		ug/Kg		83	60 - 140
Ethylbenzene	50.0	49.88		ug/Kg		100	70 - 125
Bromoform	50.0	62.51		ug/Kg		125	55 - 135
m,p-Xylene	50.0	51.29		ug/Kg		103	70 - 125
Bromodichloromethane	50.0	52.33		ug/Kg		105	70 - 135
Methylene Chloride	50.0	44.00		ug/Kg		88	55 - 135
1,1-Dichloroethane	50.0	44.23		ug/Kg		88	70 - 130
Methyl-t-Butyl Ether (MTBE)	50.0	52.95		ug/Kg		106	60 - 140
1,1-Dichloroethene	50.0	46.43		ug/Kg		93	70 - 125
n-Butylbenzene	50.0	47.11		ug/Kg		94	70 - 130
N-Propylbenzene	50.0	48.26		ug/Kg		97	70 - 130
Dichlorodifluoromethane	50.0	36.95		ug/Kg		74	35 - 160
1,2-Dichloropropane	50.0	44.96		ug/Kg		90	70 - 130
sec-Butylbenzene	50.0	48.91		ug/Kg		98	70 - 125
1,1,2-Trichloroethane	50.0	47.39		ug/Kg		95	65 - 135
Styrene	50.0	44.38		ug/Kg		89	75 - 130
1,1,2,2-Tetrachloroethane	50.0	43.78		ug/Kg		88	55 - 140
1,2,3-Trichlorobenzene	50.0	48.57		ug/Kg		97	60 - 130
Tetrachloroethene	50.0	48.52		ug/Kg		97	70 - 125
Hexachlorobutadiene	50.0	52.57		ug/Kg		105	60 - 135
Toluene	50.0	48.77		ug/Kg		98	70 - 125
Naphthalene	50.0	51.76		ug/Kg		104	55 - 135
trans-1,2-Dichloroethene	50.0	48.73		ug/Kg		97	70 - 125
o-Xylene	50.0	46.31		ug/Kg		93	70 - 125
trans-1,3-Dichloropropene	50.0	59.53		ug/Kg		119	70 - 135
2-Chlorotoluene	50.0	47.34		ug/Kg		95	70 - 125
Trichloroethene	50.0	47.65		ug/Kg		95	70 - 125
1,2-Dichlorobenzene	50.0	47.64		ug/Kg		95	75 - 120
Trichlorofluoromethane	50.0	46.32		ug/Kg		93	60 - 145
1,2,4-Trimethylbenzene	50.0	44.60		ug/Kg		89	70 - 125
Vinyl chloride	50.0	42.81		ug/Kg		86	55 - 135
1,2-Dibromo-3-Chloropropane	50.0	55.93		ug/Kg		112	50 - 135
1,2,3-Trichloropropane	50.0	48.72		ug/Kg		97	60 - 135
Isopropyl Ether (DIPE)	50.0	42.61		ug/Kg		85	60 - 140
Ethyl-t-butyl ether (ETBE)	50.0	49.42		ug/Kg		99	60 - 140
tert-Butylbenzene	50.0	43.35		ug/Kg		87	70 - 125
Isopropylbenzene	50.0	44.05		ug/Kg		88	75 - 130
tert-Butyl alcohol (TBA)	500	517.1		ug/Kg		103	70 - 135
Tert-amyl-methyl ether (TAME)	50.0	51.23		ug/Kg		102	60 - 145
p-Isopropyltoluene	50.0	50.88		ug/Kg		102	75 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	99		79 - 123
4-Bromofluorobenzene (Surr)	91		79 - 120
Dibromofluoromethane (Surr)	93		60 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94659-B-5-A MS**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 222141**

Analyte	Sample	Sample Qualifier	Spike Added	MS	MS Qualifier	Unit	D	%Rec	%Rec. Limits
	Result			Result					
1,2-Dibromoethane (EDB)	ND		47.8	51.54		ug/Kg	☼	108	65 - 140
1,2-Dichloroethane	ND		47.8	47.29		ug/Kg	☼	99	60 - 150
1,2,4-Trichlorobenzene	ND		47.8	48.41		ug/Kg	☼	101	50 - 140
1,3,5-Trimethylbenzene	ND		47.8	43.85		ug/Kg	☼	92	65 - 135
1,4-Dichlorobenzene	ND		47.8	44.26		ug/Kg	☼	93	70 - 130
1,3-Dichloropropane	ND		47.8	48.30		ug/Kg	☼	101	65 - 140
4-Chlorotoluene	ND		47.8	43.68		ug/Kg	☼	91	65 - 135
Bromobenzene	ND		47.8	48.42		ug/Kg	☼	101	65 - 140
1,3-Dichlorobenzene	ND		47.8	44.38		ug/Kg	☼	93	70 - 130
1,1-Dichloropropene	ND		47.8	51.91		ug/Kg	☼	109	65 - 135
2,2-Dichloropropane	ND		47.8	57.71		ug/Kg	☼	121	65 - 150
Carbon tetrachloride	ND		47.8	58.50		ug/Kg	☼	122	60 - 145
1,1,1,2-Tetrachloroethane	ND		47.8	51.22		ug/Kg	☼	107	65 - 145
Chlorobenzene	ND		47.8	43.49		ug/Kg	☼	91	70 - 130
Chloroform	ND		47.8	44.89		ug/Kg	☼	94	65 - 135
Benzene	ND		47.8	43.69		ug/Kg	☼	91	65 - 130
1,1,1-Trichloroethane	ND		47.8	52.36		ug/Kg	☼	109	65 - 145
cis-1,2-Dichloroethene	ND		47.8	46.77		ug/Kg	☼	98	65 - 135
Bromomethane	ND		47.8	40.16		ug/Kg	☼	84	60 - 155
cis-1,3-Dichloropropene	ND		47.8	53.70		ug/Kg	☼	112	70 - 135
Chloromethane	ND		47.8	37.24		ug/Kg	☼	78	40 - 145
Dibromochloromethane	ND		47.8	59.19		ug/Kg	☼	124	60 - 145
Dibromomethane	ND		47.8	46.62		ug/Kg	☼	97	65 - 140
Bromochloromethane	ND		47.8	45.69		ug/Kg	☼	96	65 - 145
Chloroethane	ND		47.8	42.50		ug/Kg	☼	89	60 - 150
Ethylbenzene	ND		47.8	48.03		ug/Kg	☼	100	70 - 135
Bromoform	ND		47.8	65.60		ug/Kg	☼	137	50 - 145
m,p-Xylene	ND		47.8	49.29		ug/Kg	☼	103	70 - 130
Bromodichloromethane	ND		47.8	50.58		ug/Kg	☼	106	65 - 145
Methylene Chloride	ND		47.8	42.20		ug/Kg	☼	88	55 - 145
1,1-Dichloroethane	ND		47.8	43.96		ug/Kg	☼	92	65 - 135
Methyl-t-Butyl Ether (MTBE)	ND		47.8	55.30		ug/Kg	☼	116	55 - 155
1,1-Dichloroethene	ND		47.8	45.83		ug/Kg	☼	96	65 - 135
n-Butylbenzene	ND		47.8	42.77		ug/Kg	☼	89	55 - 145
N-Propylbenzene	ND		47.8	47.76		ug/Kg	☼	100	65 - 140
Dichlorodifluoromethane	ND		47.8	35.00		ug/Kg	☼	73	30 - 160
1,2-Dichloropropane	ND		47.8	43.95		ug/Kg	☼	92	65 - 130
sec-Butylbenzene	ND		47.8	48.66		ug/Kg	☼	102	60 - 135
1,1,2-Trichloroethane	ND		47.8	47.81		ug/Kg	☼	100	65 - 140
Styrene	ND		47.8	45.61		ug/Kg	☼	95	70 - 140
1,1,2,2-Tetrachloroethane	ND		47.8	48.67		ug/Kg	☼	102	40 - 160
1,2,3-Trichlorobenzene	ND		47.8	47.33		ug/Kg	☼	99	45 - 145
Tetrachloroethene	ND		47.8	46.14		ug/Kg	☼	96	65 - 135
Hexachlorobutadiene	ND		47.8	46.02		ug/Kg	☼	96	50 - 145
Toluene	ND		47.8	46.90		ug/Kg	☼	98	70 - 130
Naphthalene	ND		47.8	53.71		ug/Kg	☼	112	40 - 150
trans-1,2-Dichloroethene	ND		47.8	47.14		ug/Kg	☼	99	70 - 135
o-Xylene	ND		47.8	48.52		ug/Kg	☼	101	65 - 130

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94659-B-5-A MS**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 222141**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
trans-1,3-Dichloropropene	ND		47.8	61.04		ug/Kg	*	128	60 - 145
2-Chlorotoluene	ND		47.8	45.75		ug/Kg	*	96	60 - 135
Trichloroethene	ND		47.8	46.80		ug/Kg	*	98	65 - 140
1,2-Dichlorobenzene	ND		47.8	45.94		ug/Kg	*	96	70 - 130
Trichlorofluoromethane	ND		47.8	45.62		ug/Kg	*	95	55 - 155
1,2,4-Trimethylbenzene	ND		47.8	47.12		ug/Kg	*	98	65 - 140
Vinyl chloride	ND		47.8	41.47		ug/Kg	*	87	55 - 140
1,2-Dibromo-3-Chloropropane	ND		47.8	60.81		ug/Kg	*	127	40 - 150
1,2,3-Trichloropropane	ND		47.8	57.99		ug/Kg	*	121	50 - 150
Isopropyl Ether (DIPE)	ND		47.8	42.37		ug/Kg	*	89	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		47.8	50.75		ug/Kg	*	106	60 - 145
tert-Butylbenzene	ND		47.8	44.09		ug/Kg	*	92	60 - 140
Isopropylbenzene	ND		47.8	45.17		ug/Kg	*	94	70 - 145
tert-Butyl alcohol (TBA)	ND		47.8	491.7		ug/Kg	*	103	65 - 145
Tert-amyl-methyl ether (TAME)	ND		47.8	52.70		ug/Kg	*	110	60 - 150
p-Isopropyltoluene	ND		47.8	46.85		ug/Kg	*	98	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	100		79 - 123
4-Bromofluorobenzene (Surr)	98		79 - 120
Dibromofluoromethane (Surr)	93		60 - 120

**Lab Sample ID: 440-94659-B-5-B MSD**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 222141**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dibromoethane (EDB)	ND		48.3	53.24		ug/Kg	*	110	65 - 140	3	25
1,2-Dichloroethane	ND		48.3	47.37		ug/Kg	*	98	60 - 150	0	25
1,2,4-Trichlorobenzene	ND		48.3	49.44		ug/Kg	*	102	50 - 140	2	30
1,3,5-Trimethylbenzene	ND		48.3	46.05		ug/Kg	*	95	65 - 135	5	25
1,4-Dichlorobenzene	ND		48.3	45.61		ug/Kg	*	94	70 - 130	3	25
1,3-Dichloropropane	ND		48.3	49.04		ug/Kg	*	102	65 - 140	2	25
4-Chlorotoluene	ND		48.3	48.36		ug/Kg	*	100	65 - 135	10	25
Bromobenzene	ND		48.3	46.92		ug/Kg	*	97	65 - 140	3	25
1,3-Dichlorobenzene	ND		48.3	45.94		ug/Kg	*	95	70 - 130	3	25
1,1-Dichloropropene	ND		48.3	54.22		ug/Kg	*	112	65 - 135	4	20
2,2-Dichloropropane	ND		48.3	58.98		ug/Kg	*	122	65 - 150	2	25
Carbon tetrachloride	ND		48.3	61.38		ug/Kg	*	127	60 - 145	5	25
1,1,1,2-Tetrachloroethane	ND		48.3	55.58		ug/Kg	*	115	65 - 145	8	20
Chlorobenzene	ND		48.3	45.26		ug/Kg	*	94	70 - 130	4	25
Chloroform	ND		48.3	46.45		ug/Kg	*	96	65 - 135	3	20
Benzene	ND		48.3	44.98		ug/Kg	*	93	65 - 130	3	20
1,1,1-Trichloroethane	ND		48.3	55.07		ug/Kg	*	114	65 - 145	5	20
cis-1,2-Dichloroethene	ND		48.3	49.05		ug/Kg	*	102	65 - 135	5	25
Bromomethane	ND		48.3	44.07		ug/Kg	*	91	60 - 155	9	25
cis-1,3-Dichloropropene	ND		48.3	55.43		ug/Kg	*	115	70 - 135	3	25
Chloromethane	ND		48.3	39.21		ug/Kg	*	81	40 - 145	5	25

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94659-B-5-B MSD**

**Matrix: Solid**

**Analysis Batch: 222123**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 222141**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Dibromochloromethane	ND		48.3	60.14		ug/Kg	*	125	60 - 145	2	25
Dibromomethane	ND		48.3	47.00		ug/Kg	*	97	65 - 140	1	25
Bromochloromethane	ND		48.3	48.47		ug/Kg	*	100	65 - 145	6	25
Chloroethane	ND		48.3	42.76		ug/Kg	*	89	60 - 150	1	25
Ethylbenzene	ND		48.3	50.24		ug/Kg	*	104	70 - 135	5	25
Bromoform	ND		48.3	66.63		ug/Kg	*	138	50 - 145	2	30
m,p-Xylene	ND		48.3	51.93		ug/Kg	*	108	70 - 130	5	25
Bromodichloromethane	ND		48.3	53.46		ug/Kg	*	111	65 - 145	6	20
Methylene Chloride	ND		48.3	42.90		ug/Kg	*	89	55 - 145	2	25
1,1-Dichloroethane	ND		48.3	45.02		ug/Kg	*	93	65 - 135	2	25
Methyl-t-Butyl Ether (MTBE)	ND		48.3	56.18		ug/Kg	*	116	55 - 155	2	35
1,1-Dichloroethene	ND		48.3	47.79		ug/Kg	*	99	65 - 135	4	25
n-Butylbenzene	ND		48.3	44.24		ug/Kg	*	92	55 - 145	3	30
N-Propylbenzene	ND		48.3	48.88		ug/Kg	*	101	65 - 140	2	25
Dichlorodifluoromethane	ND		48.3	38.96		ug/Kg	*	81	30 - 160	11	35
1,2-Dichloropropane	ND		48.3	44.94		ug/Kg	*	93	65 - 130	2	20
sec-Butylbenzene	ND		48.3	49.67		ug/Kg	*	103	60 - 135	2	25
1,1,2-Trichloroethane	ND		48.3	49.44		ug/Kg	*	102	65 - 140	3	30
Styrene	ND		48.3	47.70		ug/Kg	*	99	70 - 140	4	25
1,1,2,2-Tetrachloroethane	ND		48.3	49.73		ug/Kg	*	103	40 - 160	2	30
1,2,3-Trichlorobenzene	ND		48.3	47.45		ug/Kg	*	98	45 - 145	0	30
Tetrachloroethene	ND		48.3	49.50		ug/Kg	*	103	65 - 135	7	25
Hexachlorobutadiene	ND		48.3	46.19		ug/Kg	*	96	50 - 145	0	35
Toluene	ND		48.3	49.03		ug/Kg	*	102	70 - 130	4	20
Naphthalene	ND		48.3	54.90		ug/Kg	*	114	40 - 150	2	40
trans-1,2-Dichloroethene	ND		48.3	48.93		ug/Kg	*	101	70 - 135	4	25
o-Xylene	ND		48.3	50.52		ug/Kg	*	105	65 - 130	4	25
trans-1,3-Dichloropropene	ND		48.3	62.88		ug/Kg	*	130	60 - 145	3	25
2-Chlorotoluene	ND		48.3	47.26		ug/Kg	*	98	60 - 135	3	25
Trichloroethene	ND		48.3	48.85		ug/Kg	*	101	65 - 140	4	25
1,2-Dichlorobenzene	ND		48.3	47.68		ug/Kg	*	99	70 - 130	4	25
Trichlorofluoromethane	ND		48.3	47.81		ug/Kg	*	99	55 - 155	5	25
1,2,4-Trimethylbenzene	ND		48.3	47.42		ug/Kg	*	98	65 - 140	1	25
Vinyl chloride	ND		48.3	43.60		ug/Kg	*	90	55 - 140	5	30
1,2-Dibromo-3-Chloropropane	ND		48.3	61.30		ug/Kg	*	127	40 - 150	1	30
1,2,3-Trichloropropane	ND		48.3	59.30		ug/Kg	*	123	50 - 150	2	30
Isopropyl Ether (DIPE)	ND		48.3	43.39		ug/Kg	*	90	60 - 150	2	25
Ethyl-t-butyl ether (ETBE)	ND		48.3	51.61		ug/Kg	*	107	60 - 145	2	30
tert-Butylbenzene	ND		48.3	43.75		ug/Kg	*	91	60 - 140	1	25
Isopropylbenzene	ND		48.3	46.43		ug/Kg	*	96	70 - 145	3	25
tert-Butyl alcohol (TBA)	ND		48.3	514.6		ug/Kg	*	107	65 - 145	5	30
Tert-amyl-methyl ether (TAME)	ND		48.3	53.89		ug/Kg	*	112	60 - 150	2	25
p-Isopropyltoluene	ND		48.3	49.37		ug/Kg	*	102	60 - 140	5	25

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	99		79 - 123
4-Bromofluorobenzene (Surr)	92		79 - 120
Dibromofluoromethane (Surr)	93		60 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-222525/23**

**Matrix: Solid**

**Analysis Batch: 222525**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		100		ug/Kg			12/04/14 17:12	100
1,2-Dichloroethane	ND		100		ug/Kg			12/04/14 17:12	100
1,2,4-Trichlorobenzene	ND		250		ug/Kg			12/04/14 17:12	100
1,3,5-Trimethylbenzene	ND		100		ug/Kg			12/04/14 17:12	100
1,4-Dichlorobenzene	ND		100		ug/Kg			12/04/14 17:12	100
1,3-Dichloropropane	ND		100		ug/Kg			12/04/14 17:12	100
4-Chlorotoluene	ND		250		ug/Kg			12/04/14 17:12	100
Bromobenzene	ND		250		ug/Kg			12/04/14 17:12	100
1,3-Dichlorobenzene	ND		100		ug/Kg			12/04/14 17:12	100
1,1-Dichloropropene	ND		100		ug/Kg			12/04/14 17:12	100
2,2-Dichloropropane	ND		200		ug/Kg			12/04/14 17:12	100
Carbon tetrachloride	ND		250		ug/Kg			12/04/14 17:12	100
1,1,1,2-Tetrachloroethane	ND		250		ug/Kg			12/04/14 17:12	100
Chlorobenzene	ND		100		ug/Kg			12/04/14 17:12	100
Chloroform	ND		100		ug/Kg			12/04/14 17:12	100
Benzene	ND		100		ug/Kg			12/04/14 17:12	100
1,1,1-Trichloroethane	ND		100		ug/Kg			12/04/14 17:12	100
cis-1,2-Dichloroethene	ND		100		ug/Kg			12/04/14 17:12	100
Bromomethane	ND		250		ug/Kg			12/04/14 17:12	100
cis-1,3-Dichloropropene	ND		100		ug/Kg			12/04/14 17:12	100
Chloromethane	ND		250		ug/Kg			12/04/14 17:12	100
Dibromochloromethane	ND		100		ug/Kg			12/04/14 17:12	100
Dibromomethane	ND		100		ug/Kg			12/04/14 17:12	100
Bromochloromethane	ND		250		ug/Kg			12/04/14 17:12	100
Chloroethane	ND		250		ug/Kg			12/04/14 17:12	100
Ethylbenzene	ND		100		ug/Kg			12/04/14 17:12	100
Bromoform	ND		250		ug/Kg			12/04/14 17:12	100
m,p-Xylene	ND		200		ug/Kg			12/04/14 17:12	100
Bromodichloromethane	ND		100		ug/Kg			12/04/14 17:12	100
Methylene Chloride	ND		1000		ug/Kg			12/04/14 17:12	100
1,1-Dichloroethane	ND		100		ug/Kg			12/04/14 17:12	100
Methyl-t-Butyl Ether (MTBE)	ND		250		ug/Kg			12/04/14 17:12	100
1,1-Dichloroethene	ND		250		ug/Kg			12/04/14 17:12	100
n-Butylbenzene	ND		250		ug/Kg			12/04/14 17:12	100
N-Propylbenzene	ND		100		ug/Kg			12/04/14 17:12	100
Dichlorodifluoromethane	ND		250		ug/Kg			12/04/14 17:12	100
1,2-Dichloropropane	ND		100		ug/Kg			12/04/14 17:12	100
sec-Butylbenzene	ND		250		ug/Kg			12/04/14 17:12	100
1,1,2-Trichloroethane	ND		100		ug/Kg			12/04/14 17:12	100
Styrene	ND		100		ug/Kg			12/04/14 17:12	100
1,1,2,2-Tetrachloroethane	ND		100		ug/Kg			12/04/14 17:12	100
1,2,3-Trichlorobenzene	ND		250		ug/Kg			12/04/14 17:12	100
Tetrachloroethene	ND		100		ug/Kg			12/04/14 17:12	100
Hexachlorobutadiene	ND		250		ug/Kg			12/04/14 17:12	100
Toluene	ND		100		ug/Kg			12/04/14 17:12	100
Naphthalene	ND		250		ug/Kg			12/04/14 17:12	100
trans-1,2-Dichloroethene	ND		100		ug/Kg			12/04/14 17:12	100
o-Xylene	ND		100		ug/Kg			12/04/14 17:12	100

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-222525/23**

**Matrix: Solid**

**Analysis Batch: 222525**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
trans-1,3-Dichloropropene	ND		100		ug/Kg			12/04/14 17:12	100
2-Chlorotoluene	ND		250		ug/Kg			12/04/14 17:12	100
Trichloroethene	ND		100		ug/Kg			12/04/14 17:12	100
1,2-Dichlorobenzene	ND		100		ug/Kg			12/04/14 17:12	100
Trichlorofluoromethane	ND		250		ug/Kg			12/04/14 17:12	100
1,2,4-Trimethylbenzene	ND		100		ug/Kg			12/04/14 17:12	100
Vinyl chloride	ND		250		ug/Kg			12/04/14 17:12	100
1,2-Dibromo-3-Chloropropane	ND		250		ug/Kg			12/04/14 17:12	100
Xylenes, Total	ND		200		ug/Kg			12/04/14 17:12	100
1,2,3-Trichloropropane	ND		500		ug/Kg			12/04/14 17:12	100
Isopropyl Ether (DIPE)	ND		250		ug/Kg			12/04/14 17:12	100
Ethyl-t-butyl ether (ETBE)	ND		250		ug/Kg			12/04/14 17:12	100
tert-Butylbenzene	ND		250		ug/Kg			12/04/14 17:12	100
Isopropylbenzene	ND		100		ug/Kg			12/04/14 17:12	100
tert-Butyl alcohol (TBA)	ND		5000		ug/Kg			12/04/14 17:12	100
Tert-amyl-methyl ether (TAME)	ND		250		ug/Kg			12/04/14 17:12	100
p-Isopropyltoluene	ND		100		ug/Kg			12/04/14 17:12	100

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	118		60 - 140		12/04/14 17:12	100
4-Bromofluorobenzene (Surr)	109		65 - 140		12/04/14 17:12	100
Dibromofluoromethane (Surr)	104		55 - 140		12/04/14 17:12	100

**Lab Sample ID: LCS 440-222525/24**

**Matrix: Solid**

**Analysis Batch: 222525**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,2-Dibromoethane (EDB)	2500	3048		ug/Kg		122	70 - 130
1,2-Dichloroethane	2500	3064		ug/Kg		123	60 - 145
1,2,4-Trichlorobenzene	2500	3246		ug/Kg		130	65 - 135
1,3,5-Trimethylbenzene	2500	3060		ug/Kg		122	70 - 125
1,4-Dichlorobenzene	2500	2949		ug/Kg		118	70 - 125
1,3-Dichloropropane	2500	2928		ug/Kg		117	65 - 130
4-Chlorotoluene	2500	3067		ug/Kg		123	70 - 125
Bromobenzene	2500	2960		ug/Kg		118	70 - 120
1,3-Dichlorobenzene	2500	2999		ug/Kg		120	70 - 125
1,1-Dichloropropene	2500	3328	*	ug/Kg		133	70 - 130
2,2-Dichloropropane	2500	3437		ug/Kg		137	60 - 145
Carbon tetrachloride	2500	2641		ug/Kg		106	65 - 145
1,1,1,2-Tetrachloroethane	2500	2793		ug/Kg		112	70 - 140
Chlorobenzene	2500	2808		ug/Kg		112	70 - 125
Chloroform	2500	3013		ug/Kg		121	75 - 130
Benzene	2500	2971		ug/Kg		119	65 - 120
1,1,1-Trichloroethane	2500	2907		ug/Kg		116	65 - 140
cis-1,2-Dichloroethene	2500	2981		ug/Kg		119	65 - 130
Bromomethane	2500	2679		ug/Kg		107	30 - 140
cis-1,3-Dichloropropene	2500	3241		ug/Kg		130	70 - 130

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-222525/24**

**Matrix: Solid**

**Analysis Batch: 222525**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	2500	2948		ug/Kg		118	30 - 140
Dibromochloromethane	2500	2561		ug/Kg		102	65 - 140
Dibromomethane	2500	2995		ug/Kg		120	65 - 130
Bromochloromethane	2500	2945		ug/Kg		118	65 - 125
Chloroethane	2500	2796		ug/Kg		112	40 - 140
Ethylbenzene	2500	2942		ug/Kg		118	80 - 120
Bromoform	2500	2207		ug/Kg		88	50 - 130
m,p-Xylene	2500	3056		ug/Kg		122	70 - 125
Bromodichloromethane	2500	2710		ug/Kg		108	65 - 135
Methylene Chloride	2500	3145		ug/Kg		126	60 - 140
1,1-Dichloroethane	2500	3059		ug/Kg		122	65 - 130
Methyl-t-Butyl Ether (MTBE)	2500	3476		ug/Kg		139	55 - 145
1,1-Dichloroethene	2500	2967		ug/Kg		119	75 - 140
n-Butylbenzene	2500	3186		ug/Kg		127	70 - 130
N-Propylbenzene	2500	3031		ug/Kg		121	70 - 130
Dichlorodifluoromethane	2500	2479		ug/Kg		99	10 - 155
1,2-Dichloropropane	2500	3024		ug/Kg		121	75 - 125
sec-Butylbenzene	2500	3023		ug/Kg		121	70 - 125
1,1,2-Trichloroethane	2500	2962		ug/Kg		118	65 - 130
Styrene	2500	3063		ug/Kg		123	70 - 135
1,1,2,2-Tetrachloroethane	2500	3041		ug/Kg		122	55 - 135
1,2,3-Trichlorobenzene	2500	3108		ug/Kg		124	60 - 135
Tetrachloroethene	2500	3020		ug/Kg		121	65 - 125
Hexachlorobutadiene	2500	3153		ug/Kg		126	60 - 135
Toluene	2500	2911		ug/Kg		116	80 - 120
Naphthalene	2500	3168		ug/Kg		127	50 - 140
trans-1,2-Dichloroethene	2500	3079		ug/Kg		123	65 - 130
o-Xylene	2500	3064		ug/Kg		123	70 - 125
trans-1,3-Dichloropropene	2500	3376		ug/Kg		135	65 - 135
2-Chlorotoluene	2500	3032		ug/Kg		121	70 - 125
Trichloroethene	2500	3062		ug/Kg		122	70 - 130
1,2-Dichlorobenzene	2500	2978		ug/Kg		119	70 - 120
Trichlorofluoromethane	2500	3041		ug/Kg		122	50 - 145
1,2,4-Trimethylbenzene	2500	3009		ug/Kg		120	70 - 125
Vinyl chloride	2500	1576		ug/Kg		63	10 - 120
1,2-Dibromo-3-Chloropropane	2500	2563		ug/Kg		103	45 - 135
1,2,3-Trichloropropane	2500	3134		ug/Kg		125	55 - 130
Isopropyl Ether (DIPE)	2500	3169		ug/Kg		127	60 - 140
Ethyl-t-butyl ether (ETBE)	2500	3524	*	ug/Kg		141	60 - 140
tert-Butylbenzene	2500	3146	*	ug/Kg		126	70 - 125
Isopropylbenzene	2500	3066		ug/Kg		123	70 - 125
tert-Butyl alcohol (TBA)	25000	28580		ug/Kg		114	65 - 140
Tert-amyl-methyl ether (TAME)	2500	3405		ug/Kg		136	60 - 145
p-Isopropyltoluene	2500	3026		ug/Kg		121	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Toluene-d8 (Surr)	113		60 - 140
4-Bromofluorobenzene (Surr)	109		65 - 140

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-222525/24**

**Matrix: Solid**

**Analysis Batch: 222525**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	105		55 - 140

**Lab Sample ID: LCSD 440-222525/25**

**Matrix: Solid**

**Analysis Batch: 222525**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
							Limits		
1,2-Dibromoethane (EDB)	2500	2918		ug/Kg		117	70 - 130	4	20
1,2-Dichloroethane	2500	2842		ug/Kg		114	60 - 145	8	20
1,2,4-Trichlorobenzene	2500	3178		ug/Kg		127	65 - 135	2	20
1,3,5-Trimethylbenzene	2500	2962		ug/Kg		118	70 - 125	3	20
1,4-Dichlorobenzene	2500	2874		ug/Kg		115	70 - 125	3	20
1,3-Dichloropropane	2500	2811		ug/Kg		112	65 - 130	4	20
4-Chlorotoluene	2500	2939		ug/Kg		118	70 - 125	4	20
Bromobenzene	2500	2914		ug/Kg		117	70 - 120	2	20
1,3-Dichlorobenzene	2500	2899		ug/Kg		116	70 - 125	3	20
1,1-Dichloropropene	2500	3220		ug/Kg		129	70 - 130	3	20
2,2-Dichloropropane	2500	3466		ug/Kg		139	60 - 145	1	25
Carbon tetrachloride	2500	2624		ug/Kg		105	65 - 145	1	20
1,1,1,2-Tetrachloroethane	2500	2681		ug/Kg		107	70 - 140	4	20
Chlorobenzene	2500	2705		ug/Kg		108	70 - 125	4	20
Chloroform	2500	2902		ug/Kg		116	75 - 130	4	20
Benzene	2500	2836		ug/Kg		113	65 - 120	5	20
1,1,1-Trichloroethane	2500	2848		ug/Kg		114	65 - 140	2	20
cis-1,2-Dichloroethene	2500	2833		ug/Kg		113	65 - 130	5	20
Bromomethane	2500	2518		ug/Kg		101	30 - 140	6	30
cis-1,3-Dichloropropene	2500	3172		ug/Kg		127	70 - 130	2	20
Chloromethane	2500	2899		ug/Kg		116	30 - 140	2	25
Dibromochloromethane	2500	2488		ug/Kg		100	65 - 140	3	20
Dibromomethane	2500	2912		ug/Kg		116	65 - 130	3	20
Bromochloromethane	2500	2927		ug/Kg		117	65 - 125	1	20
Chloroethane	2500	2739		ug/Kg		110	40 - 140	2	25
Ethylbenzene	2500	2797		ug/Kg		112	80 - 120	5	20
Bromoform	2500	2167		ug/Kg		87	50 - 130	2	25
m,p-Xylene	2500	2893		ug/Kg		116	70 - 125	5	20
Bromodichloromethane	2500	2637		ug/Kg		105	65 - 135	3	20
Methylene Chloride	2500	3032		ug/Kg		121	60 - 140	4	20
1,1-Dichloroethane	2500	2967		ug/Kg		119	65 - 130	3	20
Methyl-t-Butyl Ether (MTBE)	2500	3435		ug/Kg		137	55 - 145	1	25
1,1-Dichloroethene	2500	2849		ug/Kg		114	75 - 140	4	20
n-Butylbenzene	2500	3050		ug/Kg		122	70 - 130	4	20
N-Propylbenzene	2500	2928		ug/Kg		117	70 - 130	3	20
Dichlorodifluoromethane	2500	2329		ug/Kg		93	10 - 155	6	30
1,2-Dichloropropane	2500	2910		ug/Kg		116	75 - 125	4	20
sec-Butylbenzene	2500	2909		ug/Kg		116	70 - 125	4	20
1,1,2-Trichloroethane	2500	2921		ug/Kg		117	65 - 130	1	20
Styrene	2500	2923		ug/Kg		117	70 - 135	5	20
1,1,1,2-Tetrachloroethane	2500	3006		ug/Kg		120	55 - 135	1	25

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-222525/25

Matrix: Solid

Analysis Batch: 222525

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
1,2,3-Trichlorobenzene	2500	3057		ug/Kg		122	60 - 135	2	20
Tetrachloroethene	2500	2906		ug/Kg		116	65 - 125	4	20
Hexachlorobutadiene	2500	3086		ug/Kg		123	60 - 135	2	20
Toluene	2500	2784		ug/Kg		111	80 - 120	4	20
Naphthalene	2500	3138		ug/Kg		126	50 - 140	1	25
trans-1,2-Dichloroethene	2500	3037		ug/Kg		121	65 - 130	1	20
o-Xylene	2500	2919		ug/Kg		117	70 - 125	5	20
trans-1,3-Dichloropropene	2500	3317		ug/Kg		133	65 - 135	2	20
2-Chlorotoluene	2500	2913		ug/Kg		117	70 - 125	4	20
Trichloroethene	2500	2931		ug/Kg		117	70 - 130	4	20
1,2-Dichlorobenzene	2500	2895		ug/Kg		116	70 - 120	3	20
Trichlorofluoromethane	2500	2784		ug/Kg		111	50 - 145	9	25
1,2,4-Trimethylbenzene	2500	2904		ug/Kg		116	70 - 125	4	20
Vinyl chloride	2500	1365		ug/Kg		55	10 - 120	14	30
1,2-Dibromo-3-Chloropropane	2500	2592		ug/Kg		104	45 - 135	1	25
1,2,3-Trichloropropane	2500	3168		ug/Kg		127	55 - 130	1	25
Isopropyl Ether (DIPE)	2500	3022		ug/Kg		121	60 - 140	5	20
Ethyl-t-butyl ether (ETBE)	2500	3481		ug/Kg		139	60 - 140	1	20
tert-Butylbenzene	2500	3019		ug/Kg		121	70 - 125	4	20
Isopropylbenzene	2500	2924		ug/Kg		117	70 - 125	5	20
tert-Butyl alcohol (TBA)	25000	28130		ug/Kg		113	65 - 140	2	20
Tert-amyl-methyl ether (TAME)	2500	3367		ug/Kg		135	60 - 145	1	25
p-Isopropyltoluene	2500	2896		ug/Kg		116	70 - 125	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	112		60 - 140
4-Bromofluorobenzene (Surr)	109		65 - 140
Dibromofluoromethane (Surr)	105		55 - 140

## Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-221833/1-A

Matrix: Solid

Analysis Batch: 222114

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 221833

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dinitrophenol	ND		660		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dinitrotoluene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,6-Dinitrotoluene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4,6-Dinitro-2-methylphenol	ND		420		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Bromophenyl phenyl ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Acenaphthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Acenaphthylene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Aniline	ND		420		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,4-Dichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221833/1-A**

**Matrix: Solid**

**Analysis Batch: 222114**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Anthracene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Chloronaphthalene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzidine	ND		1340		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Chlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[a]anthracene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Chlorophenyl phenyl ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[b]fluoranthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[k]fluoranthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[g,h,i]perylene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzoic acid	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[a]pyrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzyl alcohol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Bis(2-chloroethoxy)methane	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,2-Dichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Bis(2-chloroethyl)ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,3-Dichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
3,3'-Dichlorobenzidine	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Butyl benzyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dichlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Chrysene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Dibenz(a,h)anthracene	ND		420		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Dibenzofuran	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Diethyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Methylnaphthalene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Dimethyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Methylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Di-n-butyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Nitroaniline	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Fluoranthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
3-Nitroaniline	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Fluorene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Nitroaniline	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachlorobutadiene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Nitrophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachlorocyclopentadiene	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Nitrophenol	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachloroethane	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Isophorone	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Naphthalene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Nitrobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
N-Nitrosodiphenylamine	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,2,4-Trichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Pentachlorophenol	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4,5-Trichlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Phenanthrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221833/1-A**

**Matrix: Solid**

**Analysis Batch: 222114**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Phenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Pyrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
3-Methylphenol + 4-Methylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Chloroaniline	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Bis(2-ethylhexyl) phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Di-n-octyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Chloro-3-methylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
bis (2-chloroisopropyl) ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
N-Nitrosodimethylamine	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	87		35 - 120	12/01/14 16:52	12/02/14 18:37	1
2-Fluorophenol (Surr)	84		25 - 120	12/01/14 16:52	12/02/14 18:37	1
2,4,6-Tribromophenol (Surr)	85		35 - 125	12/01/14 16:52	12/02/14 18:37	1
Nitrobenzene-d5 (Surr)	87		30 - 120	12/01/14 16:52	12/02/14 18:37	1
Terphenyl-d14 (Surr)	78		40 - 135	12/01/14 16:52	12/02/14 18:37	1
Phenol-d6 (Surr)	87		35 - 120	12/01/14 16:52	12/02/14 18:37	1

**Lab Sample ID: LCS 440-221833/2-A**

**Matrix: Solid**

**Analysis Batch: 222114**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	3330	3280	*	ug/Kg		98	57 - 97
2,4-Dinitrophenol	3330	2491		ug/Kg		75	44 - 124
2,4-Dinitrotoluene	3330	3030		ug/Kg		91	67 - 113
2,6-Dinitrotoluene	3330	3177		ug/Kg		95	67 - 112
1,2-Diphenylhydrazine(as Azobenzene)	3330	2903		ug/Kg		87	64 - 110
4,6-Dinitro-2-methylphenol	3330	3222		ug/Kg		97	60 - 122
4-Bromophenyl phenyl ether	3330	3318		ug/Kg		100	61 - 101
Acenaphthene	3330	2946		ug/Kg		88	61 - 104
Acenaphthylene	3330	3020		ug/Kg		91	60 - 112
Aniline	3330	2845		ug/Kg		85	37 - 99
1,4-Dichlorobenzene	3330	2615		ug/Kg		78	54 - 90
Anthracene	3330	3114		ug/Kg		93	69 - 115
2-Chloronaphthalene	3330	3157		ug/Kg		95	65 - 101
Benzidine	3330	1182	J	ug/Kg		35	5 - 81
2-Chlorophenol	3330	3149		ug/Kg		94	61 - 103
Benzo[a]anthracene	3330	3122		ug/Kg		94	68 - 109
4-Chlorophenyl phenyl ether	3330	2855		ug/Kg		86	60 - 116
Benzo[b]fluoranthene	3330	2990		ug/Kg		90	61 - 106
Benzo[k]fluoranthene	3330	3083		ug/Kg		93	69 - 118
Benzo[g,h,i]perylene	3330	2851		ug/Kg		86	60 - 115
Benzoic acid	3330	2843		ug/Kg		85	38 - 115
Benzo[a]pyrene	3330	3017		ug/Kg		91	69 - 111
Benzyl alcohol	3330	2694		ug/Kg		81	49 - 109

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221833/2-A**

**Matrix: Solid**

**Analysis Batch: 222114**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	3330	3046		ug/Kg		91	62 - 101
1,2-Dichlorobenzene	3330	2729		ug/Kg		82	54 - 93
Bis(2-chloroethyl)ether	3330	2927		ug/Kg		88	55 - 99
1,3-Dichlorobenzene	3330	2623		ug/Kg		79	53 - 89
3,3'-Dichlorobenzidine	3330	3042		ug/Kg		91	44 - 101
Butyl benzyl phthalate	3330	2881		ug/Kg		86	61 - 109
2,4-Dichlorophenol	3330	3245		ug/Kg		97	64 - 104
Chrysene	3330	3199		ug/Kg		96	68 - 113
Dibenz(a,h)anthracene	3330	3541		ug/Kg		106	62 - 115
Dibenzofuran	3330	3072		ug/Kg		92	62 - 108
Diethyl phthalate	3330	2745		ug/Kg		82	65 - 116
2-Methylnaphthalene	3330	2899		ug/Kg		87	56 - 98
Dimethyl phthalate	3330	2976		ug/Kg		89	67 - 106
2-Methylphenol	3330	2891		ug/Kg		87	57 - 108
Di-n-butyl phthalate	3330	2773		ug/Kg		83	71 - 119
2-Nitroaniline	3330	3409		ug/Kg		102	62 - 109
Fluoranthene	3330	2891		ug/Kg		87	65 - 115
3-Nitroaniline	3330	2970		ug/Kg		89	43 - 106
Fluorene	3330	2929		ug/Kg		88	61 - 115
4-Nitroaniline	3330	2581		ug/Kg		77	58 - 109
Hexachlorobenzene	3330	3155		ug/Kg		95	61 - 99
Hexachlorobutadiene	3330	2670		ug/Kg		80	54 - 93
2-Nitrophenol	3330	3017		ug/Kg		91	58 - 102
Hexachlorocyclopentadiene	3330	2073		ug/Kg		62	35 - 105
4-Nitrophenol	3330	2495		ug/Kg		75	58 - 118
Hexachloroethane	3330	2572		ug/Kg		77	54 - 91
Indeno[1,2,3-cd]pyrene	3330	3487		ug/Kg		105	53 - 122
Isophorone	3330	3032		ug/Kg		91	58 - 98
Naphthalene	3330	2884		ug/Kg		87	58 - 96
Nitrobenzene	3330	3161		ug/Kg		95	58 - 96
N-Nitrosodi-n-propylamine	3330	2884		ug/Kg		87	54 - 104
N-Nitrosodiphenylamine	3330	3404 *		ug/Kg		102	64 - 101
1,2,4-Trichlorobenzene	3330	2799		ug/Kg		84	56 - 94
Pentachlorophenol	3330	2733		ug/Kg		82	57 - 119
2,4,5-Trichlorophenol	3330	3321		ug/Kg		100	64 - 110
Phenanthrene	3330	3186		ug/Kg		96	67 - 118
2,4,6-Trichlorophenol	3330	3369		ug/Kg		101	65 - 106
Phenol	3330	3097		ug/Kg		93	60 - 108
Pyrene	3330	3240		ug/Kg		97	65 - 121
3-Methylphenol + 4-Methylphenol	3330	2969		ug/Kg		89	56 - 110
4-Chloroaniline	3330	2681		ug/Kg		80	29 - 98
Bis(2-ethylhexyl) phthalate	3330	2743		ug/Kg		82	61 - 117
Di-n-octyl phthalate	3330	2793		ug/Kg		84	68 - 124
4-Chloro-3-methylphenol	3330	3284		ug/Kg		99	63 - 110
bis (2-chloroisopropyl) ether	3330	3343		ug/Kg		100	50 - 102
N-Nitrosodimethylamine	3330	2578		ug/Kg		77	48 - 94

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221833/2-A**

**Matrix: Solid**

**Analysis Batch: 222114**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221833**

<i>Surrogate</i>	<i>LCS %Recovery</i>	<i>LCS Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl	95		35 - 120
2-Fluorophenol (Surr)	89		25 - 120
2,4,6-Tribromophenol (Surr)	105		35 - 125
Nitrobenzene-d5 (Surr)	94		30 - 120
Terphenyl-d14 (Surr)	77		40 - 135
Phenol-d6 (Surr)	94		35 - 120

**Lab Sample ID: 440-94576-B-1-B MS**

**Matrix: Solid**

**Analysis Batch: 222258**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 221833**

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MS MS</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>Limits</i>
				<i>Result</i>	<i>Qualifier</i>				
2,4-Dimethylphenol	ND		5590	5662		ug/Kg	*	101	30 - 120
2,4-Dinitrophenol	ND		5590	ND	F1	ug/Kg	*	0	20 - 120
2,4-Dinitrotoluene	ND		5590	4637		ug/Kg	*	83	50 - 125
2,6-Dinitrotoluene	ND		5590	5043		ug/Kg	*	90	50 - 125
1,2-Diphenylhydrazine(as Azobenzene)	ND		5590	4392		ug/Kg	*	79	50 - 125
4,6-Dinitro-2-methylphenol	ND		5590	1011	F1	ug/Kg	*	18	35 - 120
4-Bromophenyl phenyl ether	ND		5590	5076		ug/Kg	*	91	45 - 120
Acenaphthene	ND		5590	4819		ug/Kg	*	86	45 - 120
Acenaphthylene	ND		5590	4948		ug/Kg	*	88	45 - 120
Aniline	ND		5590	3873		ug/Kg	*	69	25 - 120
1,4-Dichlorobenzene	ND		5590	4439		ug/Kg	*	79	35 - 120
Anthracene	ND		5590	4834		ug/Kg	*	86	55 - 120
2-Chloronaphthalene	ND		5590	5336		ug/Kg	*	95	45 - 120
Benzidine	ND		5590	ND	F1	ug/Kg	*	0	20 - 120
2-Chlorophenol	ND		5590	5452		ug/Kg	*	97	40 - 120
Benzo[a]anthracene	ND		5590	4241		ug/Kg	*	76	50 - 120
4-Chlorophenyl phenyl ether	ND		5590	4449		ug/Kg	*	80	50 - 120
Benzo[b]fluoranthene	ND		5590	3975		ug/Kg	*	71	45 - 125
Benzo[k]fluoranthene	ND		5590	4054		ug/Kg	*	72	45 - 125
Benzo[g,h,i]perylene	ND		5590	5689		ug/Kg	*	102	25 - 130
Benzoic acid	ND		5590	ND	F1	ug/Kg	*	0	20 - 120
Benzo[a]pyrene	ND		5590	3912		ug/Kg	*	70	45 - 125
Benzyl alcohol	ND		5590	4775		ug/Kg	*	85	20 - 120
Bis(2-chloroethoxy)methane	ND		5590	5056		ug/Kg	*	90	45 - 120
1,2-Dichlorobenzene	ND		5590	4506		ug/Kg	*	81	40 - 120
Bis(2-chloroethyl)ether	ND		5590	4930		ug/Kg	*	88	35 - 110
1,3-Dichlorobenzene	ND		5590	4475		ug/Kg	*	80	35 - 120
3,3'-Dichlorobenzidine	ND		5590	1669		ug/Kg	*	30	20 - 130
Butyl benzyl phthalate	ND		5590	4374		ug/Kg	*	78	45 - 125
2,4-Dichlorophenol	ND		5590	5443		ug/Kg	*	97	45 - 120
Chrysene	ND		5590	4343		ug/Kg	*	78	55 - 120
Dibenz(a,h)anthracene	ND		5590	5669		ug/Kg	*	101	25 - 135
Dibenzofuran	ND		5590	4816		ug/Kg	*	86	50 - 120
Diethyl phthalate	ND		5590	4484		ug/Kg	*	80	50 - 125
2-Methylnaphthalene	ND		5590	4757		ug/Kg	*	85	40 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94576-B-1-B MS**

**Matrix: Solid**

**Analysis Batch: 222258**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Dimethyl phthalate	ND		5590	4891		ug/Kg	*	87	45 - 125
2-Methylphenol	ND		5590	5081		ug/Kg	*	91	40 - 120
Di-n-butyl phthalate	ND		5590	4159		ug/Kg	*	74	50 - 125
2-Nitroaniline	ND		5590	5554		ug/Kg	*	99	45 - 120
Fluoranthene	ND		5590	4508		ug/Kg	*	81	45 - 120
3-Nitroaniline	ND		5590	4056		ug/Kg	*	73	30 - 120
Fluorene	ND		5590	4562		ug/Kg	*	82	50 - 120
4-Nitroaniline	ND		5590	2832		ug/Kg	*	51	40 - 125
Hexachlorobenzene	ND		5590	4926		ug/Kg	*	88	50 - 120
Hexachlorobutadiene	ND		5590	4643		ug/Kg	*	83	40 - 120
2-Nitrophenol	ND		5590	4939		ug/Kg	*	88	40 - 120
Hexachlorocyclopentadiene	ND		5590	ND	F1	ug/Kg	*	9	20 - 125
4-Nitrophenol	ND		5590	3995		ug/Kg	*	71	35 - 125
Hexachloroethane	ND		5590	3607		ug/Kg	*	64	35 - 120
Indeno[1,2,3-cd]pyrene	ND		5590	5951		ug/Kg	*	106	20 - 130
Isophorone	ND		5590	4993		ug/Kg	*	89	40 - 120
Naphthalene	ND		5590	4884		ug/Kg	*	87	40 - 120
Nitrobenzene	ND		5590	5334		ug/Kg	*	95	40 - 120
N-Nitrosodi-n-propylamine	ND		5590	5227		ug/Kg	*	93	35 - 120
N-Nitrosodiphenylamine	ND		5590	5391		ug/Kg	*	96	45 - 125
1,2,4-Trichlorobenzene	ND		5590	4896		ug/Kg	*	88	40 - 120
Pentachlorophenol	ND		5590	4532		ug/Kg	*	81	30 - 120
2,4,5-Trichlorophenol	ND		5590	5306		ug/Kg	*	95	45 - 120
Phenanthrene	ND		5590	4899		ug/Kg	*	88	50 - 120
2,4,6-Trichlorophenol	ND		5590	5636		ug/Kg	*	101	45 - 120
Phenol	ND		5590	5430		ug/Kg	*	97	40 - 120
Pyrene	ND		5590	4893		ug/Kg	*	87	40 - 125
3-Methylphenol + 4-Methylphenol	ND		5590	5299		ug/Kg	*	95	50 - 120
4-Chloroaniline	ND		5590	3424		ug/Kg	*	61	20 - 120
Bis(2-ethylhexyl) phthalate	ND		5590	4287		ug/Kg	*	77	45 - 130
Di-n-octyl phthalate	ND		5590	4107		ug/Kg	*	73	50 - 135
4-Chloro-3-methylphenol	ND		5590	5120		ug/Kg	*	92	50 - 125
bis (2-chloroisopropyl) ether	ND		5590	5582		ug/Kg	*	100	40 - 120
N-Nitrosodimethylamine	ND		5590	3710		ug/Kg	*	66	25 - 125

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	96		35 - 120
2-Fluorophenol (Surr)	91		25 - 120
2,4,6-Tribromophenol (Surr)	97		35 - 125
Nitrobenzene-d5 (Surr)	95		30 - 120
Terphenyl-d14 (Surr)	65		40 - 135
Phenol-d6 (Surr)	97		35 - 120

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94576-B-1-C MSD**

**Matrix: Solid**

**Analysis Batch: 222258**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier							
2,4-Dimethylphenol	ND		5800	5526		ug/Kg	☼	95	30 - 120		2	25
2,4-Dinitrophenol	ND		5800	ND	F1	ug/Kg	☼	0	20 - 120		NC	25
2,4-Dinitrotoluene	ND		5800	4752		ug/Kg	☼	82	50 - 125		2	25
2,6-Dinitrotoluene	ND		5800	5066		ug/Kg	☼	87	50 - 125		0	20
1,2-Diphenylhydrazine(as Azobenzene)	ND		5800	4387		ug/Kg	☼	76	50 - 125		0	25
4,6-Dinitro-2-methylphenol	ND		5800	1117	F1	ug/Kg	☼	19	35 - 120		10	25
4-Bromophenyl phenyl ether	ND		5800	5040		ug/Kg	☼	87	45 - 120		1	20
Acenaphthene	ND		5800	4815		ug/Kg	☼	83	45 - 120		0	25
Acenaphthylene	ND		5800	4967		ug/Kg	☼	86	45 - 120		0	20
Aniline	ND		5800	3868		ug/Kg	☼	67	25 - 120		0	30
1,4-Dichlorobenzene	ND		5800	4418		ug/Kg	☼	76	35 - 120		0	25
Anthracene	ND		5800	4815		ug/Kg	☼	83	55 - 120		0	25
2-Chloronaphthalene	ND		5800	5287		ug/Kg	☼	91	45 - 120		1	20
Benzidine	ND		5800	ND	F1	ug/Kg	☼	0	20 - 120		NC	30
2-Chlorophenol	ND		5800	5295		ug/Kg	☼	91	40 - 120		3	20
Benzo[a]anthracene	ND		5800	4384		ug/Kg	☼	76	50 - 120		3	25
4-Chlorophenyl phenyl ether	ND		5800	4471		ug/Kg	☼	77	50 - 120		0	25
Benzo[b]fluoranthene	ND		5800	4147		ug/Kg	☼	72	45 - 125		4	30
Benzo[k]fluoranthene	ND		5800	4125		ug/Kg	☼	71	45 - 125		2	30
Benzo[g,h,i]perylene	ND		5800	6032		ug/Kg	☼	104	25 - 130		6	30
Benzoic acid	ND		5800	ND	F1	ug/Kg	☼	16	20 - 120		NC	30
Benzo[a]pyrene	ND		5800	4121		ug/Kg	☼	71	45 - 125		5	25
Benzyl alcohol	ND		5800	4584		ug/Kg	☼	79	20 - 120		4	30
Bis(2-chloroethoxy)methane	ND		5800	4955		ug/Kg	☼	85	45 - 120		2	25
1,2-Dichlorobenzene	ND		5800	4423		ug/Kg	☼	76	40 - 120		2	25
Bis(2-chloroethyl)ether	ND		5800	4989		ug/Kg	☼	86	35 - 110		1	25
1,3-Dichlorobenzene	ND		5800	4438		ug/Kg	☼	77	35 - 120		1	25
3,3'-Dichlorobenzidine	ND		5800	2155		ug/Kg	☼	37	20 - 130		25	25
Butyl benzyl phthalate	ND		5800	4438		ug/Kg	☼	77	45 - 125		1	25
2,4-Dichlorophenol	ND		5800	5371		ug/Kg	☼	93	45 - 120		1	25
Chrysene	ND		5800	4493		ug/Kg	☼	77	55 - 120		3	25
Dibenz(a,h)anthracene	ND		5800	5952		ug/Kg	☼	103	25 - 135		5	30
Dibenzofuran	ND		5800	4864		ug/Kg	☼	84	50 - 120		1	25
Diethyl phthalate	ND		5800	4482		ug/Kg	☼	77	50 - 125		0	25
2-Methylnaphthalene	ND		5800	4706		ug/Kg	☼	81	40 - 120		1	20
Dimethyl phthalate	ND		5800	4894		ug/Kg	☼	84	45 - 125		0	25
2-Methylphenol	ND		5800	5241		ug/Kg	☼	90	40 - 120		3	25
Di-n-butyl phthalate	ND		5800	4245		ug/Kg	☼	73	50 - 125		2	25
2-Nitroaniline	ND		5800	5643		ug/Kg	☼	97	45 - 120		2	25
Fluoranthene	ND		5800	4693		ug/Kg	☼	81	45 - 120		4	25
3-Nitroaniline	ND		5800	4250		ug/Kg	☼	73	30 - 120		5	25
Fluorene	ND		5800	4603		ug/Kg	☼	79	50 - 120		1	25
4-Nitroaniline	ND		5800	3203		ug/Kg	☼	55	40 - 125		12	30
Hexachlorobenzene	ND		5800	4916		ug/Kg	☼	85	50 - 120		0	25
Hexachlorobutadiene	ND		5800	4568		ug/Kg	☼	79	40 - 120		2	25
2-Nitrophenol	ND		5800	4836		ug/Kg	☼	83	40 - 120		2	25
Hexachlorocyclopentadiene	ND		5800	ND	F1	ug/Kg	☼	8	20 - 125		16	30

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94576-B-1-C MSD**

**Matrix: Solid**

**Analysis Batch: 222258**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 221833**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
4-Nitrophenol	ND		5800	4027		ug/Kg	*	69	35 - 125	1	30
Hexachloroethane	ND		5800	3747		ug/Kg	*	65	35 - 120	4	30
Indeno[1,2,3-cd]pyrene	ND		5800	6215		ug/Kg	*	107	20 - 130	4	30
Isophorone	ND		5800	4859		ug/Kg	*	84	40 - 120	3	25
Naphthalene	ND		5800	4836		ug/Kg	*	83	40 - 120	1	25
Nitrobenzene	ND		5800	5271		ug/Kg	*	91	40 - 120	1	25
N-Nitrosodi-n-propylamine	ND		5800	4801		ug/Kg	*	83	35 - 120	9	25
N-Nitrosodiphenylamine	ND		5800	5422		ug/Kg	*	93	45 - 125	1	25
1,2,4-Trichlorobenzene	ND		5800	4774		ug/Kg	*	82	40 - 120	3	25
Pentachlorophenol	ND		5800	4617		ug/Kg	*	80	30 - 120	2	25
2,4,5-Trichlorophenol	ND		5800	5409		ug/Kg	*	93	45 - 120	2	20
Phenanthrene	ND		5800	5005		ug/Kg	*	86	50 - 120	2	25
2,4,6-Trichlorophenol	ND		5800	5599		ug/Kg	*	97	45 - 120	1	25
Phenol	ND		5800	5270		ug/Kg	*	91	40 - 120	3	25
Pyrene	ND		5800	5019		ug/Kg	*	87	40 - 125	3	30
3-Methylphenol + 4-Methylphenol	ND		5800	5218		ug/Kg	*	90	50 - 120	2	25
4-Chloroaniline	ND		5800	3526		ug/Kg	*	61	20 - 120	3	30
Bis(2-ethylhexyl) phthalate	ND		5800	4546		ug/Kg	*	78	45 - 130	6	25
Di-n-octyl phthalate	ND		5800	4357		ug/Kg	*	75	50 - 135	6	25
4-Chloro-3-methylphenol	ND		5800	5169		ug/Kg	*	89	50 - 125	1	25
bis (2-chloroisopropyl) ether	ND		5800	5618		ug/Kg	*	97	40 - 120	1	25
N-Nitrosodimethylamine	ND		5800	3679		ug/Kg	*	63	25 - 125	1	25

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	92		35 - 120
2-Fluorophenol (Surr)	86		25 - 120
2,4,6-Tribromophenol (Surr)	93		35 - 125
Nitrobenzene-d5 (Surr)	91		30 - 120
Terphenyl-d14 (Surr)	65		40 - 135
Phenol-d6 (Surr)	92		35 - 120

**Lab Sample ID: MB 440-221851/1-A**

**Matrix: Water**

**Analysis Batch: 222440**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2,4-Dinitrophenol	ND		40.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2,4-Dinitrotoluene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2,6-Dinitrotoluene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4,6-Dinitro-2-methylphenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4-Bromophenyl phenyl ether	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Acenaphthene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Acenaphthylene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Aniline	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
1,4-Dichlorobenzene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221851/1-A**

**Matrix: Water**

**Analysis Batch: 222440**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2-Chloronaphthalene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzidine	ND		40.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2-Chlorophenol	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzo[a]anthracene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4-Chlorophenyl phenyl ether	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzo[b]fluoranthene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzo[k]fluoranthene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzo[g,h,i]perylene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzoic acid	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzo[a]pyrene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Benzyl alcohol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Bis(2-chloroethoxy)methane	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
1,2-Dichlorobenzene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Bis(2-chloroethyl)ether	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
1,3-Dichlorobenzene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
3,3'-Dichlorobenzidine	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Butyl benzyl phthalate	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2,4-Dichlorophenol	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Chrysene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Dibenz(a,h)anthracene	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Dibenzofuran	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Diethyl phthalate	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2-Methylnaphthalene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Dimethyl phthalate	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2-Methylphenol	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Di-n-butyl phthalate	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2-Nitroaniline	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Fluoranthene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
3-Nitroaniline	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Fluorene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4-Nitroaniline	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Hexachlorobenzene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Hexachlorobutadiene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2-Nitrophenol	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Hexachlorocyclopentadiene	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4-Nitrophenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Hexachloroethane	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Indeno[1,2,3-cd]pyrene	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Isophorone	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Naphthalene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Nitrobenzene	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
N-Nitrosodi-n-propylamine	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
N-Nitrosodiphenylamine	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
1,2,4-Trichlorobenzene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Pentachlorophenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
2,4,5-Trichlorophenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Phenanthrene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221851/1-A**

**Matrix: Water**

**Analysis Batch: 222440**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Phenol	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Pyrene	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
3-Methylphenol + 4-Methylphenol	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4-Chloroaniline	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Bis(2-ethylhexyl) phthalate	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
Di-n-octyl phthalate	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
4-Chloro-3-methylphenol	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
bis (2-chloroisopropyl) ether	ND		10.0		ug/L		12/01/14 18:12	12/03/14 23:02	1
N-Nitrosodimethylamine	ND		20.0		ug/L		12/01/14 18:12	12/03/14 23:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		50 - 120	12/01/14 18:12	12/03/14 23:02	1
2-Fluorophenol (Surr)	65		30 - 120	12/01/14 18:12	12/03/14 23:02	1
2,4,6-Tribromophenol (Surr)	80		40 - 120	12/01/14 18:12	12/03/14 23:02	1
Nitrobenzene-d5 (Surr)	78		45 - 120	12/01/14 18:12	12/03/14 23:02	1
Terphenyl-d14 (Surr)	91		37 - 144	12/01/14 18:12	12/03/14 23:02	1
Phenol-d6 (Surr)	71		35 - 120	12/01/14 18:12	12/03/14 23:02	1

**Lab Sample ID: LCS 440-221851/2-A**

**Matrix: Water**

**Analysis Batch: 222440**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	100	71.57		ug/L		72	39 - 94
2,4-Dinitrophenol	100	72.24		ug/L		72	23 - 134
2,4-Dinitrotoluene	100	79.70		ug/L		80	54 - 115
2,6-Dinitrotoluene	100	82.31		ug/L		82	50 - 115
1,2-Diphenylhydrazine(as Azobenzene)	100	87.18		ug/L		87	44 - 113
4,6-Dinitro-2-methylphenol	100	80.49		ug/L		80	28 - 139
4-Bromophenyl phenyl ether	100	85.95		ug/L		86	42 - 113
Acenaphthene	100	78.00		ug/L		78	37 - 107
Acenaphthylene	100	74.75		ug/L		75	39 - 107
Aniline	100	77.56		ug/L		78	27 - 115
1,4-Dichlorobenzene	100	63.64		ug/L		64	22 - 81
Anthracene	100	82.17		ug/L		82	42 - 120
2-Chloronaphthalene	100	74.35		ug/L		74	34 - 102
Benzidine	100	102.0		ug/L		102	5 - 150
2-Chlorophenol	100	70.16		ug/L		70	20 - 106
Benzo[a]anthracene	100	84.50		ug/L		85	42 - 115
4-Chlorophenyl phenyl ether	100	78.54		ug/L		79	38 - 115
Benzo[b]fluoranthene	100	89.77		ug/L		90	36 - 113
Benzo[k]fluoranthene	100	82.54		ug/L		83	42 - 122
Benzo[g,h,i]perylene	100	79.09		ug/L		79	37 - 115
Benzoic acid	100	73.30		ug/L		73	15 - 121
Benzo[a]pyrene	100	87.75		ug/L		88	41 - 117
Benzyl alcohol	100	81.73		ug/L		82	39 - 106

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221851/2-A**

**Matrix: Water**

**Analysis Batch: 222440**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	100	82.84		ug/L		83	47 - 104
1,2-Dichlorobenzene	100	64.63		ug/L		65	24 - 85
Bis(2-chloroethyl)ether	100	77.75		ug/L		78	42 - 99
1,3-Dichlorobenzene	100	61.57		ug/L		62	20 - 80
3,3'-Dichlorobenzidine	100	56.95		ug/L		57	22 - 97
Butyl benzyl phthalate	100	82.86		ug/L		83	44 - 122
2,4-Dichlorophenol	100	76.32		ug/L		76	23 - 113
Chrysene	100	85.60		ug/L		86	42 - 118
Dibenz(a,h)anthracene	100	83.02		ug/L		83	40 - 114
Dibenzofuran	100	79.36		ug/L		79	37 - 113
Diethyl phthalate	100	81.01		ug/L		81	51 - 120
2-Methylnaphthalene	100	76.49		ug/L		76	34 - 98
Dimethyl phthalate	100	81.79		ug/L		82	49 - 113
2-Methylphenol	100	77.95		ug/L		78	36 - 103
Di-n-butyl phthalate	100	83.35		ug/L		83	47 - 125
2-Nitroaniline	100	90.01		ug/L		90	48 - 111
Fluoranthene	100	81.03		ug/L		81	44 - 119
3-Nitroaniline	100	86.01		ug/L		86	51 - 116
Fluorene	100	80.13		ug/L		80	39 - 116
4-Nitroaniline	100	77.84		ug/L		78	50 - 116
Hexachlorobenzene	100	85.15		ug/L		85	43 - 112
Hexachlorobutadiene	100	58.89		ug/L		59	14 - 77
2-Nitrophenol	100	78.76		ug/L		79	20 - 117
Hexachlorocyclopentadiene	100	58.47		ug/L		58	10 - 77
4-Nitrophenol	100	81.75		ug/L		82	26 - 132
Hexachloroethane	100	58.84		ug/L		59	13 - 75
Indeno[1,2,3-cd]pyrene	100	75.52		ug/L		76	35 - 116
Isophorone	100	88.60		ug/L		89	48 - 107
Naphthalene	100	74.23		ug/L		74	33 - 95
Nitrobenzene	100	80.53		ug/L		81	42 - 99
N-Nitrosodi-n-propylamine	100	89.90		ug/L		90	44 - 111
N-Nitrosodiphenylamine	100	85.58		ug/L		86	46 - 116
1,2,4-Trichlorobenzene	100	62.63		ug/L		63	25 - 84
Pentachlorophenol	100	81.11		ug/L		81	26 - 136
2,4,5-Trichlorophenol	100	77.40		ug/L		77	24 - 121
Phenanthrene	100	81.57		ug/L		82	43 - 120
2,4,6-Trichlorophenol	100	80.56		ug/L		81	20 - 121
Phenol	100	71.34		ug/L		71	25 - 99
Pyrene	100	83.62		ug/L		84	43 - 119
3-Methylphenol + 4-Methylphenol	100	81.00		ug/L		81	35 - 106
4-Chloroaniline	100	81.50		ug/L		81	42 - 109
Bis(2-ethylhexyl) phthalate	100	82.24		ug/L		82	43 - 124
Di-n-octyl phthalate	100	78.37		ug/L		78	42 - 125
4-Chloro-3-methylphenol	100	88.40		ug/L		88	44 - 110
bis (2-chloroisopropyl) ether	100	79.29		ug/L		79	38 - 104
N-Nitrosodimethylamine	100	77.57		ug/L		78	35 - 96

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221851/2-A**

**Matrix: Water**

**Analysis Batch: 222440**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	76		50 - 120
2-Fluorophenol (Surr)	59		30 - 120
2,4,6-Tribromophenol (Surr)	89		40 - 120
Nitrobenzene-d5 (Surr)	78		45 - 120
Terphenyl-d14 (Surr)	71		37 - 144
Phenol-d6 (Surr)	70		35 - 120

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 222506**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,2,4-Trichlorobenzene	ND		103	ND	F1	ug/L		37	45 - 120
1,2-Dichlorobenzene	ND		103	ND	F1	ug/L		38	40 - 120
1,2-Diphenylhydrazine(as Azobenzene)	ND		103	ND	F1	ug/L		54	60 - 120
1,3-Dichlorobenzene	ND		103	ND	F1	ug/L		34	35 - 120
1,4-Dichlorobenzene	ND		103	ND		ug/L		36	35 - 120
2,4,5-Trichlorophenol	ND		103	ND	F1	ug/L		0	55 - 120
2,4,6-Trichlorophenol	ND		103	ND	F1	ug/L		0	55 - 120
2,4-Dichlorophenol	ND		103	ND	F1	ug/L		0	55 - 120
2,4-Dimethylphenol	ND		103	ND	F1	ug/L		0	40 - 120
2,4-Dinitrophenol	ND		103	ND	F1	ug/L		0	40 - 120
2,4-Dinitrotoluene	ND		103	58.42	F1	ug/L		57	65 - 120
2,6-Dinitrotoluene	ND		103	61.33	F1	ug/L		59	65 - 120
2-Chloronaphthalene	ND		103	ND	F1	ug/L		40	60 - 120
2-Chlorophenol	ND		103	ND	F1	ug/L		0	45 - 120
2-Methylnaphthalene	ND		103	ND	F1	ug/L		29	55 - 120
2-Methylphenol	ND		103	ND	F1	ug/L		0	50 - 120
2-Nitroaniline	ND		103	ND	F1	ug/L		0	65 - 120
2-Nitrophenol	ND		103	ND	F1	ug/L		20	50 - 120
3,3'-Dichlorobenzidine	ND		103	ND	F1	ug/L		0	45 - 135
3-Nitroaniline	ND		103	ND	F1	ug/L		0	60 - 120
4,6-Dinitro-2-methylphenol	ND		103	ND	F1	ug/L		0	45 - 120
4-Bromophenyl phenyl ether	ND		103	53.67	F1	ug/L		52	60 - 120
4-Chloro-3-methylphenol	ND		103	ND	F1	ug/L		0	60 - 120
4-Chloroaniline	ND		103	ND	F1	ug/L		0	55 - 120
4-Chlorophenyl phenyl ether	ND		103	51.99	F1	ug/L		50	65 - 120
3-Methylphenol + 4-Methylphenol	ND		103	ND	F1	ug/L		0	50 - 120
4-Nitroaniline	ND		103	ND	F1	ug/L		0	55 - 125
4-Nitrophenol	ND		103	ND	F1	ug/L		0	45 - 120
Acenaphthene	ND		103	ND	F1	ug/L		0	60 - 120
Acenaphthylene	ND		103	ND	F1	ug/L		0	60 - 120
Aniline	ND		103	ND	F1	ug/L		0	35 - 120
Anthracene	ND		103	ND	F1	ug/L		0	65 - 120
Benzidine	ND		103	ND	F1	ug/L		0	30 - 160
Benzo[a]anthracene	ND		103	ND	F1	ug/L		0	65 - 120
Benzo[a]pyrene	ND		103	ND	F1	ug/L		0	55 - 130

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 222506**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzo[b]fluoranthene	ND		103	54.65	F1	ug/L		53	55 - 125
Benzo[g,h,i]perylene	ND		103	ND	F1	ug/L		0	45 - 135
Benzo[k]fluoranthene	ND		103	ND	F1	ug/L		20	55 - 125
Benzoic acid	ND		103	ND		ug/L		55	25 - 125
Benzyl alcohol	ND		103	ND		ug/L		46	40 - 120
Bis(2-chloroethoxy)methane	ND		103	60.05		ug/L		58	50 - 120
Bis(2-chloroethyl)ether	ND		103	148.9	F1	ug/L		144	50 - 120
Bis(2-ethylhexyl) phthalate	ND		103	ND	F1	ug/L		53	65 - 130
Butyl benzyl phthalate	ND		103	ND	F1	ug/L		54	55 - 130
Chrysene	ND		103	47.27	F1	ug/L		46	65 - 120
Dibenz(a,h)anthracene	ND		103	ND	F1	ug/L		0	45 - 135
Dibenzofuran	ND		103	48.39	F1	ug/L		47	65 - 120
Diethyl phthalate	ND		103	64.33		ug/L		62	55 - 120
Dimethyl phthalate	ND		103	62.20		ug/L		60	30 - 120
Di-n-butyl phthalate	ND		103	ND		ug/L		61	60 - 125
Di-n-octyl phthalate	ND		103	ND	F1	ug/L		55	65 - 135
Fluoranthene	ND		103	50.69	F1	ug/L		49	60 - 120
Fluorene	ND		103	47.61	F1	ug/L		46	65 - 120
Hexachlorobenzene	ND		103	57.77	F1	ug/L		56	60 - 120
Hexachlorobutadiene	ND		103	ND	F1	ug/L		35	40 - 120
Hexachlorocyclopentadiene	ND		103	ND	F1	ug/L		0	25 - 120
Hexachloroethane	ND		103	ND	F1	ug/L		32	35 - 120
Indeno[1,2,3-cd]pyrene	ND		103	ND	F1	ug/L		0	40 - 135
Isophorone	ND		103	ND	F1	ug/L		24	50 - 120
Naphthalene	ND		103	ND	F1	ug/L		30	55 - 120
Nitrobenzene	ND		103	ND		ug/L		55	55 - 120
N-Nitrosodi-n-propylamine	ND		103	60.53		ug/L		59	45 - 120
N-Nitrosodiphenylamine	ND		103	ND	F1	ug/L		0	60 - 120
Pentachlorophenol	ND		103	ND	F1	ug/L		0	24 - 121
Phenanthrene	ND		103	48.20	F1	ug/L		47	65 - 120
Phenol	ND		103	ND	F1	ug/L		0	40 - 120
Pyrene	ND		103	ND	F1	ug/L		0	55 - 125
bis (2-chloroisopropyl) ether	ND		103	53.78		ug/L		52	45 - 120
N-Nitrosodimethylamine	ND		103	ND		ug/L		46	12 - 123

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	50		50 - 120
2-Fluorophenol (Surr)	0	X	30 - 120
2,4,6-Tribromophenol (Surr)	4	X	40 - 120
Nitrobenzene-d5 (Surr)	56		45 - 120
Terphenyl-d14 (Surr)	24	X	37 - 144
Phenol-d6 (Surr)	0	X	35 - 120

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94483-11 MSD**

**Matrix: Water**

**Analysis Batch: 222506**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
1,2,4-Trichlorobenzene	ND		101	ND	F1	ug/L		38	45 - 120	0	20	
1,2-Dichlorobenzene	ND		101	ND	F1	ug/L		37	40 - 120	5	25	
1,2-Diphenylhydrazine(as Azobenzene)	ND		101	ND	F1	ug/L		56	60 - 120	3	25	
1,3-Dichlorobenzene	ND		101	ND		ug/L		35	35 - 120	0	25	
1,4-Dichlorobenzene	ND		101	ND		ug/L		36	35 - 120	4	25	
2,4,5-Trichlorophenol	ND		101	ND	F1	ug/L		0	55 - 120	NC	30	
2,4,6-Trichlorophenol	ND		101	ND	F1	ug/L		0	55 - 120	NC	30	
2,4-Dichlorophenol	ND		101	ND	F1	ug/L		23	55 - 120	NC	25	
2,4-Dimethylphenol	ND		101	ND	F1	ug/L		0	40 - 120	NC	25	
2,4-Dinitrophenol	ND		101	ND	F1	ug/L		0	40 - 120	NC	25	
2,4-Dinitrotoluene	ND		101	60.69	F1	ug/L		60	65 - 120	4	25	
2,6-Dinitrotoluene	ND		101	61.39	F1	ug/L		61	65 - 120	0	20	
2-Chloronaphthalene	ND		101	45.90	F1	ug/L		45	60 - 120	12	20	
2-Chlorophenol	ND		101	ND	F1	ug/L		0	45 - 120	NC	25	
2-Methylnaphthalene	ND		101	ND	F1 F2	ug/L		39	55 - 120	27	20	
2-Methylphenol	ND		101	ND	F1	ug/L		0	50 - 120	NC	25	
2-Nitroaniline	ND		101	ND	F1	ug/L		0	65 - 120	NC	25	
2-Nitrophenol	ND		101	ND	F1 F2	ug/L		29	50 - 120	34	25	
3,3'-Dichlorobenzidine	ND		101	ND	F1	ug/L		0	45 - 135	NC	25	
3-Nitroaniline	ND		101	ND	F1	ug/L		0	60 - 120	NC	25	
4,6-Dinitro-2-methylphenol	ND		101	ND	F1	ug/L		42	45 - 120	NC	25	
4-Bromophenyl phenyl ether	ND		101	59.08	F1	ug/L		58	60 - 120	10	25	
4-Chloro-3-methylphenol	ND		101	ND	F1	ug/L		0	60 - 120	NC	25	
4-Chloroaniline	ND		101	ND	F1	ug/L		0	55 - 120	NC	25	
4-Chlorophenyl phenyl ether	ND		101	58.39	F1	ug/L		58	65 - 120	12	25	
3-Methylphenol + 4-Methylphenol	ND		101	ND	F1	ug/L		0	50 - 120	NC	25	
4-Nitroaniline	ND		101	ND	F1	ug/L		0	55 - 125	NC	25	
4-Nitrophenol	ND		101	ND	F1	ug/L		0	45 - 120	NC	30	
Acenaphthene	ND		101	ND	F1	ug/L		0	60 - 120	NC	25	
Acenaphthylene	ND		101	ND	F1	ug/L		0	60 - 120	NC	25	
Aniline	ND		101	ND	F1	ug/L		0	35 - 120	NC	30	
Anthracene	ND		101	ND	F1	ug/L		0	65 - 120	NC	25	
Benzidine	ND		101	ND	F1	ug/L		0	30 - 160	NC	35	
Benzo[a]anthracene	ND		101	ND	F1	ug/L		0	65 - 120	NC	20	
Benzo[a]pyrene	ND		101	ND	F1	ug/L		0	55 - 130	NC	25	
Benzo[b]fluoranthene	ND		101	56.88		ug/L		56	55 - 125	4	25	
Benzo[g,h,i]perylene	ND		101	ND	F1	ug/L		0	45 - 135	NC	30	
Benzo[k]fluoranthene	ND		101	ND	F1	ug/L		0	55 - 125	NC	30	
Benzoic acid	ND		101	ND		ug/L		64	25 - 125	13	30	
Benzyl alcohol	ND		101	ND		ug/L		47	40 - 120	2	30	
Bis(2-chloroethoxy)methane	ND		101	54.65		ug/L		54	50 - 120	9	25	
Bis(2-chloroethyl)ether	ND		101	118.5		ug/L		117	50 - 120	23	25	
Bis(2-ethylhexyl) phthalate	ND		101	ND	F1	ug/L		53	65 - 130	2	25	
Butyl benzyl phthalate	ND		101	ND		ug/L		56	55 - 130	1	25	
Chrysene	ND		101	50.56	F1	ug/L		50	65 - 120	7	25	
Dibenz(a,h)anthracene	ND		101	ND	F1	ug/L		0	45 - 135	NC	30	
Dibenzofuran	ND		101	54.19	F1	ug/L		54	65 - 120	11	25	

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94483-11 MSD**

**Matrix: Water**

**Analysis Batch: 222506**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

**Prep Batch: 221851**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Diethyl phthalate	ND		101	66.46		ug/L		66	55 - 120	3	30
Dimethyl phthalate	ND		101	62.89		ug/L		62	30 - 120	1	30
Di-n-butyl phthalate	ND		101	ND		ug/L		61	60 - 125	2	25
Di-n-octyl phthalate	ND		101	ND	F1	ug/L		53	65 - 135	5	20
Fluoranthene	ND		101	51.20	F1	ug/L		51	60 - 120	1	25
Fluorene	ND		101	55.64	F1	ug/L		55	65 - 120	16	25
Hexachlorobenzene	ND		101	58.80	F1	ug/L		58	60 - 120	2	25
Hexachlorobutadiene	ND		101	ND	F1	ug/L		38	40 - 120	7	25
Hexachlorocyclopentadiene	ND		101	ND		ug/L		40	25 - 120	NC	30
Hexachloroethane	ND		101	ND		ug/L		35	35 - 120	6	25
Indeno[1,2,3-cd]pyrene	ND		101	ND	F1	ug/L		0	40 - 135	NC	30
Isophorone	ND		101	ND	F1 F2	ug/L		34	50 - 120	34	25
Naphthalene	ND		101	ND	F1	ug/L		37	55 - 120	21	25
Nitrobenzene	ND		101	ND	F1	ug/L		54	55 - 120	5	25
N-Nitrosodi-n-propylamine	ND		101	55.45		ug/L		55	45 - 120	9	25
N-Nitrosodiphenylamine	ND		101	ND	F1	ug/L		0	60 - 120	NC	25
Pentachlorophenol	ND		101	ND	F1	ug/L		0	24 - 121	NC	25
Phenanthrene	ND		101	53.36	F1	ug/L		53	65 - 120	10	25
Phenol	ND		101	ND	F1	ug/L		0	40 - 120	NC	25
Pyrene	ND		101	ND	F1	ug/L		0	55 - 125	NC	25
bis (2-chloroisopropyl) ether	ND		101	49.89		ug/L		49	45 - 120	8	25
N-Nitrosodimethylamine	ND		101	ND		ug/L		40	12 - 123	17	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	44	X	50 - 120
2-Fluorophenol (Surr)	0	X	30 - 120
2,4,6-Tribromophenol (Surr)	0	X	40 - 120
Nitrobenzene-d5 (Surr)	51		45 - 120
Terphenyl-d14 (Surr)	23	X	37 - 144
Phenol-d6 (Surr)	0	X	35 - 120

**Lab Sample ID: MB 440-221866/1-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2,4-Dinitrophenol	ND		250		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2,4-Dinitrotoluene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2,6-Dinitrotoluene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4,6-Dinitro-2-methylphenol	ND		100		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4-Bromophenyl phenyl ether	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Acenaphthene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Acenaphthylene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Aniline	ND		35.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
1,4-Dichlorobenzene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221866/1-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Anthracene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2-Chloronaphthalene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzidine	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2-Chlorophenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzo[a]anthracene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4-Chlorophenyl phenyl ether	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzo[b]fluoranthene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzo[k]fluoranthene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzo[g,h,i]perylene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzoic acid	ND		250		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzo[a]pyrene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Benzyl alcohol	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Bis(2-chloroethoxy)methane	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
1,2-Dichlorobenzene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Bis(2-chloroethyl)ether	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
1,3-Dichlorobenzene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
3,3'-Dichlorobenzidine	ND		100		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Butyl benzyl phthalate	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2,4-Dichlorophenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Chrysene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Dibenz(a,h)anthracene	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Dibenzofuran	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Diethyl phthalate	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2-Methylnaphthalene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Dimethyl phthalate	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2-Methylphenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Di-n-butyl phthalate	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2-Nitroaniline	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Fluoranthene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
3-Nitroaniline	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Fluorene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4-Nitroaniline	ND		65.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Hexachlorobenzene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Hexachlorobutadiene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2-Nitrophenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Hexachlorocyclopentadiene	ND		100		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4-Nitrophenol	ND		250		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Hexachloroethane	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Indeno[1,2,3-cd]pyrene	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Isophorone	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Naphthalene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Nitrobenzene	ND		100		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
N-Nitrosodi-n-propylamine	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
N-Nitrosodiphenylamine	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
1,2,4-Trichlorobenzene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Pentachlorophenol	ND		100		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
2,4,5-Trichlorophenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Phenanthrene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-221866/1-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Phenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Pyrene	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
3-Methylphenol + 4-Methylphenol	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4-Chloroaniline	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Bis(2-ethylhexyl) phthalate	ND		125		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
Di-n-octyl phthalate	ND		100		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
4-Chloro-3-methylphenol	ND		50.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
bis (2-chloroisopropyl) ether	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1
N-Nitrosodimethylamine	ND		25.0		mg/Kg		12/01/14 19:58	12/03/14 10:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	112		70 - 130	12/01/14 19:58	12/03/14 10:56	1
2-Fluorophenol (Surr)	123		70 - 130	12/01/14 19:58	12/03/14 10:56	1
2,4,6-Tribromophenol (Surr)	110		70 - 130	12/01/14 19:58	12/03/14 10:56	1
Nitrobenzene-d5 (Surr)	117		70 - 130	12/01/14 19:58	12/03/14 10:56	1
Terphenyl-d14 (Surr)	92		70 - 130	12/01/14 19:58	12/03/14 10:56	1
Phenol-d6 (Surr)	126		70 - 130	12/01/14 19:58	12/03/14 10:56	1

**Lab Sample ID: LCS 440-221866/2-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	250	326.0	*	mg/Kg		130	73 - 129
2,4-Dinitrophenol	250	230.2	J	mg/Kg		92	37 - 150
2,4-Dinitrotoluene	250	286.4		mg/Kg		115	80 - 131
2,6-Dinitrotoluene	250	293.7		mg/Kg		117	80 - 129
1,2-Diphenylhydrazine(as Azobenzene)	250	273.7		mg/Kg		109	75 - 135
4,6-Dinitro-2-methylphenol	250	261.6		mg/Kg		105	58 - 150
4-Bromophenyl phenyl ether	250	285.2		mg/Kg		114	80 - 121
Acenaphthene	250	273.3		mg/Kg		109	80 - 120
Acenaphthylene	250	281.8		mg/Kg		113	80 - 126
Aniline	250	305.8		mg/Kg		122	70 - 140
1,4-Dichlorobenzene	250	262.3		mg/Kg		105	80 - 123
Anthracene	250	270.0		mg/Kg		108	80 - 136
2-Chloronaphthalene	250	292.3		mg/Kg		117	80 - 120
Benzidine	250	129.2		mg/Kg		52	5 - 150
2-Chlorophenol	250	337.3		mg/Kg		135	72 - 141
Benzo[a]anthracene	250	268.9		mg/Kg		108	80 - 120
4-Chlorophenyl phenyl ether	250	264.9		mg/Kg		106	77 - 133
Benzo[b]fluoranthene	250	263.6		mg/Kg		105	76 - 120
Benzo[k]fluoranthene	250	276.8		mg/Kg		111	80 - 125
Benzo[g,h,i]perylene	250	281.4		mg/Kg		113	75 - 127
Benzoic acid	250	319.7		mg/Kg		128	67 - 134
Benzo[a]pyrene	250	270.4		mg/Kg		108	80 - 120
Benzyl alcohol	250	221.0		mg/Kg		88	52 - 150

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221866/2-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bis(2-chloroethoxy)methane	250	299.1		mg/Kg		120	80 - 123
1,2-Dichlorobenzene	250	268.3		mg/Kg		107	80 - 126
Bis(2-chloroethyl)ether	250	310.1		mg/Kg		124	80 - 137
1,3-Dichlorobenzene	250	268.5		mg/Kg		107	80 - 123
3,3'-Dichlorobenzidine	250	289.3		mg/Kg		116	71 - 128
Butyl benzyl phthalate	250	259.9		mg/Kg		104	80 - 129
2,4-Dichlorophenol	250	326.5		mg/Kg		131	69 - 134
Chrysene	250	276.2		mg/Kg		110	80 - 120
Dibenz(a,h)anthracene	250	291.8		mg/Kg		117	80 - 124
Dibenzofuran	250	284.1		mg/Kg		114	79 - 133
Diethyl phthalate	250	260.2		mg/Kg		104	79 - 135
2-Methylnaphthalene	250	287.6		mg/Kg		115	80 - 123
Dimethyl phthalate	250	275.4		mg/Kg		110	80 - 120
2-Methylphenol	250	312.5		mg/Kg		125	64 - 150
Di-n-butyl phthalate	250	251.6		mg/Kg		101	77 - 149
2-Nitroaniline	250	318.3		mg/Kg		127	76 - 130
Fluoranthene	250	254.0		mg/Kg		102	74 - 141
3-Nitroaniline	250	309.9		mg/Kg		124	76 - 134
Fluorene	250	276.4		mg/Kg		111	80 - 136
4-Nitroaniline	250	245.0		mg/Kg		98	58 - 148
Hexachlorobenzene	250	275.4		mg/Kg		110	80 - 120
Hexachlorobutadiene	250	258.9		mg/Kg		104	80 - 120
2-Nitrophenol	250	298.9		mg/Kg		120	80 - 130
Hexachlorocyclopentadiene	250	219.5		mg/Kg		88	47 - 136
4-Nitrophenol	250	238.1	J	mg/Kg		95	57 - 145
Hexachloroethane	250	260.3		mg/Kg		104	80 - 124
Indeno[1,2,3-cd]pyrene	250	301.6		mg/Kg		121	77 - 126
Isophorone	250	303.1		mg/Kg		121	76 - 124
Naphthalene	250	279.9		mg/Kg		112	80 - 120
Nitrobenzene	250	310.4	*	mg/Kg		124	80 - 120
N-Nitrosodi-n-propylamine	250	308.9		mg/Kg		124	69 - 149
N-Nitrosodiphenylamine	250	297.9		mg/Kg		119	80 - 135
1,2,4-Trichlorobenzene	250	273.1		mg/Kg		109	80 - 120
Pentachlorophenol	250	248.8		mg/Kg		100	76 - 134
2,4,5-Trichlorophenol	250	301.9		mg/Kg		121	78 - 124
Phenanthrene	250	278.8		mg/Kg		112	80 - 141
2,4,6-Trichlorophenol	250	313.2		mg/Kg		125	79 - 125
Phenol	250	331.6		mg/Kg		133	65 - 143
Pyrene	250	289.4		mg/Kg		116	80 - 126
3-Methylphenol + 4-Methylphenol	250	324.7		mg/Kg		130	62 - 150
4-Chloroaniline	250	301.9		mg/Kg		121	75 - 128
Bis(2-ethylhexyl) phthalate	250	247.9		mg/Kg		99	76 - 137
Di-n-octyl phthalate	250	246.9		mg/Kg		99	80 - 132
4-Chloro-3-methylphenol	250	330.4		mg/Kg		132	66 - 142
bis (2-chloroisopropyl) ether	250	341.9	*	mg/Kg		137	73 - 136
N-Nitrosodimethylamine	250	284.9		mg/Kg		114	76 - 131

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-221866/2-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	114		70 - 130
2-Fluorophenol (Surr)	129		70 - 130
2,4,6-Tribromophenol (Surr)	119		70 - 130
Nitrobenzene-d5 (Surr)	126		70 - 130
Terphenyl-d14 (Surr)	95		70 - 130
Phenol-d6 (Surr)	136	X	70 - 130

**Lab Sample ID: LCSD 440-221866/3-A**

**Matrix: Waste**

**Analysis Batch: 222258**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 221866**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	RPD	Limit
2,4-Dimethylphenol	250	342.2	*	mg/Kg		137	73 - 129	5	35	
2,4-Dinitrophenol	250	225.4	J	mg/Kg		90	37 - 150	2	35	
2,4-Dinitrotoluene	250	261.0		mg/Kg		104	80 - 131	9	35	
2,6-Dinitrotoluene	250	283.6		mg/Kg		113	80 - 129	4	35	
1,2-Diphenylhydrazine(as Azobenzene)	250	258.9		mg/Kg		104	75 - 135	6	35	
4,6-Dinitro-2-methylphenol	250	268.9		mg/Kg		108	58 - 150	3	35	
4-Bromophenyl phenyl ether	250	305.3	*	mg/Kg		122	80 - 121	7	35	
Acenaphthene	250	267.7		mg/Kg		107	80 - 120	2	35	
Acenaphthylene	250	275.2		mg/Kg		110	80 - 126	2	35	
Aniline	250	336.6		mg/Kg		135	70 - 140	10	35	
1,4-Dichlorobenzene	250	267.3		mg/Kg		107	80 - 123	2	35	
Anthracene	250	273.1		mg/Kg		109	80 - 136	1	35	
2-Chloronaphthalene	250	295.0		mg/Kg		118	80 - 120	1	35	
Benzidine	250	126.3		mg/Kg		51	5 - 150	2	35	
2-Chlorophenol	250	376.6	*	mg/Kg		151	72 - 141	11	35	
Benzo[a]anthracene	250	266.8		mg/Kg		107	80 - 120	1	35	
4-Chlorophenyl phenyl ether	250	255.6		mg/Kg		102	77 - 133	4	35	
Benzo[b]fluoranthene	250	264.0		mg/Kg		106	76 - 120	0	35	
Benzo[k]fluoranthene	250	275.8		mg/Kg		110	80 - 125	0	35	
Benzo[g,h,i]perylene	250	284.6		mg/Kg		114	75 - 127	1	35	
Benzoic acid	250	334.8		mg/Kg		134	67 - 134	5	35	
Benzo[a]pyrene	250	270.8		mg/Kg		108	80 - 120	0	35	
Benzyl alcohol	250	271.8		mg/Kg		109	52 - 150	21	35	
Bis(2-chloroethoxy)methane	250	307.4		mg/Kg		123	80 - 123	3	35	
1,2-Dichlorobenzene	250	274.3		mg/Kg		110	80 - 126	2	35	
Bis(2-chloroethyl)ether	250	322.4		mg/Kg		129	80 - 137	4	35	
1,3-Dichlorobenzene	250	268.7		mg/Kg		107	80 - 123	0	35	
3,3'-Dichlorobenzidine	250	289.6		mg/Kg		116	71 - 128	0	35	
Butyl benzyl phthalate	250	261.5		mg/Kg		105	80 - 129	1	35	
2,4-Dichlorophenol	250	341.2	*	mg/Kg		136	69 - 134	4	35	
Chrysene	250	273.3		mg/Kg		109	80 - 120	1	35	
Dibenz(a,h)anthracene	250	289.7		mg/Kg		116	80 - 124	1	35	
Dibenzofuran	250	269.8		mg/Kg		108	79 - 133	5	35	
Diethyl phthalate	250	239.6		mg/Kg		96	79 - 135	8	35	
2-Methylnaphthalene	250	291.7		mg/Kg		117	80 - 123	1	35	

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 440-221866/3-A

Matrix: Waste

Analysis Batch: 222258

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 221866

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Dimethyl phthalate	250	266.0		mg/Kg		106	80 - 120	3	35	
2-Methylphenol	250	359.4		mg/Kg		144	64 - 150	14	35	
Di-n-butyl phthalate	250	244.0		mg/Kg		98	77 - 149	3	35	
2-Nitroaniline	250	314.8		mg/Kg		126	76 - 130	1	35	
Fluoranthene	250	237.9		mg/Kg		95	74 - 141	7	35	
3-Nitroaniline	250	286.7		mg/Kg		115	76 - 134	8	35	
Fluorene	250	260.3		mg/Kg		104	80 - 136	6	35	
4-Nitroaniline	250	210.5		mg/Kg		84	58 - 148	15	35	
Hexachlorobenzene	250	286.3		mg/Kg		115	80 - 120	4	35	
Hexachlorobutadiene	250	250.3		mg/Kg		100	80 - 120	3	35	
2-Nitrophenol	250	308.7		mg/Kg		123	80 - 130	3	35	
Hexachlorocyclopentadiene	250	229.0		mg/Kg		92	47 - 136	4	35	
4-Nitrophenol	250	213.6	J	mg/Kg		85	57 - 145	11	35	
Hexachloroethane	250	261.1		mg/Kg		104	80 - 124	0	35	
Indeno[1,2,3-cd]pyrene	250	296.4		mg/Kg		119	77 - 126	2	35	
Isophorone	250	317.6	*	mg/Kg		127	76 - 124	5	35	
Naphthalene	250	275.3		mg/Kg		110	80 - 120	2	35	
Nitrobenzene	250	318.3	*	mg/Kg		127	80 - 120	3	35	
N-Nitrosodi-n-propylamine	250	351.9		mg/Kg		141	69 - 149	13	35	
N-Nitrosodiphenylamine	250	314.6		mg/Kg		126	80 - 135	5	35	
1,2,4-Trichlorobenzene	250	267.8		mg/Kg		107	80 - 120	2	35	
Pentachlorophenol	250	249.6		mg/Kg		100	76 - 134	0	35	
2,4,5-Trichlorophenol	250	317.7	*	mg/Kg		127	78 - 124	5	35	
Phenanthrene	250	277.2		mg/Kg		111	80 - 141	1	35	
2,4,6-Trichlorophenol	250	314.1	*	mg/Kg		126	79 - 125	0	35	
Phenol	250	367.6	*	mg/Kg		147	65 - 143	10	35	
Pyrene	250	300.5		mg/Kg		120	80 - 126	4	35	
3-Methylphenol + 4-Methylphenol	250	377.1	*	mg/Kg		151	62 - 150	15	35	
4-Chloroaniline	250	307.7		mg/Kg		123	75 - 128	2	35	
Bis(2-ethylhexyl) phthalate	250	248.4		mg/Kg		99	76 - 137	0	35	
Di-n-octyl phthalate	250	244.1		mg/Kg		98	80 - 132	1	35	
4-Chloro-3-methylphenol	250	336.7		mg/Kg		135	66 - 142	2	35	
bis (2-chloroisopropyl) ether	250	359.5	*	mg/Kg		144	73 - 136	5	35	
N-Nitrosodimethylamine	250	290.3		mg/Kg		116	76 - 131	2	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	117		70 - 130
2-Fluorophenol (Surr)	140	X	70 - 130
2,4,6-Tribromophenol (Surr)	124		70 - 130
Nitrobenzene-d5 (Surr)	126		70 - 130
Terphenyl-d14 (Surr)	98		70 - 130
Phenol-d6 (Surr)	151	X	70 - 130

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-222519/1-A**

**Matrix: Solid**

**Analysis Batch: 222850**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2,4-Dinitrophenol	ND		660		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2,4-Dinitrotoluene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2,6-Dinitrotoluene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
4,6-Dinitro-2-methylphenol	ND		420		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
4-Bromophenyl phenyl ether	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Acenaphthene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Acenaphthylene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Aniline	ND		420		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
1,4-Dichlorobenzene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Anthracene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2-Chloronaphthalene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzidine	ND		1340		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2-Chlorophenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzo[a]anthracene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
4-Chlorophenyl phenyl ether	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzo[b]fluoranthene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzo[k]fluoranthene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzo[g,h,i]perylene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzoic acid	ND		830		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzo[a]pyrene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Benzyl alcohol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Bis(2-chloroethoxy)methane	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
1,2-Dichlorobenzene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Bis(2-chloroethyl)ether	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
1,3-Dichlorobenzene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
3,3'-Dichlorobenzidine	ND		830		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Butyl benzyl phthalate	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2,4-Dichlorophenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Chrysene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Dibenz(a,h)anthracene	ND		420		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Dibenzofuran	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Diethyl phthalate	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2-Methylnaphthalene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Dimethyl phthalate	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2-Methylphenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Di-n-butyl phthalate	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2-Nitroaniline	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Fluoranthene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
3-Nitroaniline	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Fluorene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
4-Nitroaniline	ND		830		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Hexachlorobenzene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Hexachlorobutadiene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2-Nitrophenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Hexachlorocyclopentadiene	ND		830		ug/Kg		12/04/14 09:08	12/05/14 14:47	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 440-222519/1-A**

**Matrix: Solid**

**Analysis Batch: 222850**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		830		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Hexachloroethane	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Isophorone	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Naphthalene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Nitrobenzene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
N-Nitrosodiphenylamine	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
1,2,4-Trichlorobenzene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Pentachlorophenol	ND		830		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2,4,5-Trichlorophenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Phenanthrene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
2,4,6-Trichlorophenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Phenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Pyrene	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
3-Methylphenol + 4-Methylphenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
4-Chloroaniline	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Bis(2-ethylhexyl) phthalate	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
Di-n-octyl phthalate	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
4-Chloro-3-methylphenol	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
bis (2-chloroisopropyl) ether	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1
N-Nitrosodimethylamine	ND		330		ug/Kg		12/04/14 09:08	12/05/14 14:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		35 - 120	12/04/14 09:08	12/05/14 14:47	1
2-Fluorophenol (Surr)	82		25 - 120	12/04/14 09:08	12/05/14 14:47	1
2,4,6-Tribromophenol (Surr)	95		35 - 125	12/04/14 09:08	12/05/14 14:47	1
Nitrobenzene-d5 (Surr)	81		30 - 120	12/04/14 09:08	12/05/14 14:47	1
Terphenyl-d14 (Surr)	85		40 - 135	12/04/14 09:08	12/05/14 14:47	1
Phenol-d6 (Surr)	86		35 - 120	12/04/14 09:08	12/05/14 14:47	1

**Lab Sample ID: LCS 440-222519/2-A**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	3330	2859		ug/Kg		86	57 - 97
2,4-Dinitrophenol	3330	2305		ug/Kg		69	44 - 124
2,4-Dinitrotoluene	3330	2636		ug/Kg		79	67 - 113
2,6-Dinitrotoluene	3330	2709		ug/Kg		81	67 - 112
1,2-Diphenylhydrazine(as Azobenzene)	3330	2563		ug/Kg		77	64 - 110
4,6-Dinitro-2-methylphenol	3330	2839		ug/Kg		85	60 - 122
4-Bromophenyl phenyl ether	3330	2871		ug/Kg		86	61 - 101
Acenaphthene	3330	2592		ug/Kg		78	61 - 104
Acenaphthylene	3330	2628		ug/Kg		79	60 - 112
Aniline	3330	2561		ug/Kg		77	37 - 99
1,4-Dichlorobenzene	3330	2280		ug/Kg		68	54 - 90

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-222519/2-A**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Anthracene	3330	2697		ug/Kg		81	69 - 115
2-Chloronaphthalene	3330	2806		ug/Kg		84	65 - 101
Benzidine	3330	662.0	J	ug/Kg		20	5 - 81
2-Chlorophenol	3330	2871		ug/Kg		86	61 - 103
Benzo[a]anthracene	3330	2694		ug/Kg		81	68 - 109
4-Chlorophenyl phenyl ether	3330	2502		ug/Kg		75	60 - 116
Benzo[b]fluoranthene	3330	2727		ug/Kg		82	61 - 106
Benzo[k]fluoranthene	3330	2771		ug/Kg		83	69 - 118
Benzo[g,h,i]perylene	3330	2640		ug/Kg		79	60 - 115
Benzoic acid	3330	2746		ug/Kg		82	38 - 115
Benzo[a]pyrene	3330	2718		ug/Kg		82	69 - 111
Benzyl alcohol	3330	2486		ug/Kg		75	49 - 109
Bis(2-chloroethoxy)methane	3330	2700		ug/Kg		81	62 - 101
1,2-Dichlorobenzene	3330	2367		ug/Kg		71	54 - 93
Bis(2-chloroethyl)ether	3330	2627		ug/Kg		79	55 - 99
1,3-Dichlorobenzene	3330	2312		ug/Kg		69	53 - 89
3,3'-Dichlorobenzidine	3330	2624		ug/Kg		79	44 - 101
Butyl benzyl phthalate	3330	2679		ug/Kg		80	61 - 109
2,4-Dichlorophenol	3330	2836		ug/Kg		85	64 - 104
Chrysene	3330	2778		ug/Kg		83	68 - 113
Dibenz(a,h)anthracene	3330	3257		ug/Kg		98	62 - 115
Dibenzofuran	3330	2640		ug/Kg		79	62 - 108
Diethyl phthalate	3330	2439		ug/Kg		73	65 - 116
2-Methylnaphthalene	3330	2551		ug/Kg		77	56 - 98
Dimethyl phthalate	3330	2579		ug/Kg		77	67 - 106
2-Methylphenol	3330	2813		ug/Kg		84	57 - 108
Di-n-butyl phthalate	3330	2546		ug/Kg		76	71 - 119
2-Nitroaniline	3330	2975		ug/Kg		89	62 - 109
Fluoranthene	3330	2570		ug/Kg		77	65 - 115
3-Nitroaniline	3330	2563		ug/Kg		77	43 - 106
Fluorene	3330	2566		ug/Kg		77	61 - 115
4-Nitroaniline	3330	2249		ug/Kg		67	58 - 109
Hexachlorobenzene	3330	2719		ug/Kg		82	61 - 99
Hexachlorobutadiene	3330	2325		ug/Kg		70	54 - 93
2-Nitrophenol	3330	2606		ug/Kg		78	58 - 102
Hexachlorocyclopentadiene	3330	1912		ug/Kg		57	35 - 105
4-Nitrophenol	3330	2272		ug/Kg		68	58 - 118
Hexachloroethane	3330	2252		ug/Kg		68	54 - 91
Indeno[1,2,3-cd]pyrene	3330	3253		ug/Kg		98	53 - 122
Isophorone	3330	2583		ug/Kg		77	58 - 98
Naphthalene	3330	2512		ug/Kg		75	58 - 96
Nitrobenzene	3330	2684		ug/Kg		81	58 - 96
N-Nitrosodi-n-propylamine	3330	2677		ug/Kg		80	54 - 104
N-Nitrosodiphenylamine	3330	2931		ug/Kg		88	64 - 101
1,2,4-Trichlorobenzene	3330	2437		ug/Kg		73	56 - 94
Pentachlorophenol	3330	2446		ug/Kg		73	57 - 119
2,4,5-Trichlorophenol	3330	2837		ug/Kg		85	64 - 110
Phenanthrene	3330	2775		ug/Kg		83	67 - 118

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 440-222519/2-A**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,6-Trichlorophenol	3330	2954		ug/Kg		89	65 - 106
Phenol	3330	2890		ug/Kg		87	60 - 108
Pyrene	3330	2918		ug/Kg		88	65 - 121
3-Methylphenol + 4-Methylphenol	3330	2880		ug/Kg		86	56 - 110
4-Chloroaniline	3330	2194		ug/Kg		66	29 - 98
Bis(2-ethylhexyl) phthalate	3330	2612		ug/Kg		78	61 - 117
Di-n-octyl phthalate	3330	2647		ug/Kg		79	68 - 124
4-Chloro-3-methylphenol	3330	2848		ug/Kg		85	63 - 110
bis (2-chloroisopropyl) ether	3330	2980		ug/Kg		89	50 - 102
N-Nitrosodimethylamine	3330	2192		ug/Kg		66	48 - 94

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	81		35 - 120
2-Fluorophenol (Surr)	79		25 - 120
2,4,6-Tribromophenol (Surr)	88		35 - 125
Nitrobenzene-d5 (Surr)	81		30 - 120
Terphenyl-d14 (Surr)	75		40 - 135
Phenol-d6 (Surr)	86		35 - 120

**Lab Sample ID: 440-94810-H-24-Q MS**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	ND		12700	10970		ug/Kg	☼	86	30 - 120
2,4-Dinitrophenol	ND		12700	6124		ug/Kg	☼	48	20 - 120
2,4-Dinitrotoluene	ND		12700	10400		ug/Kg	☼	82	50 - 125
2,6-Dinitrotoluene	ND		12700	10790		ug/Kg	☼	85	50 - 125
1,2-Diphenylhydrazine(as Azobenzene)	ND		12700	9998		ug/Kg	☼	79	50 - 125
4,6-Dinitro-2-methylphenol	ND		12700	10280		ug/Kg	☼	81	35 - 120
4-Bromophenyl phenyl ether	ND		12700	11290		ug/Kg	☼	89	45 - 120
Acenaphthene	ND		12700	9961		ug/Kg	☼	79	45 - 120
Acenaphthylene	ND		12700	10200		ug/Kg	☼	80	45 - 120
Aniline	ND		12700	9616		ug/Kg	☼	76	25 - 120
1,4-Dichlorobenzene	ND		12700	8973		ug/Kg	☼	71	35 - 120
Anthracene	ND		12700	10450		ug/Kg	☼	82	55 - 120
2-Chloronaphthalene	ND		12700	10670		ug/Kg	☼	84	45 - 120
Benzidine	ND		12700	ND	F1	ug/Kg	☼	0	20 - 120
2-Chlorophenol	ND		12700	10800		ug/Kg	☼	85	40 - 120
Benzo[a]anthracene	ND		12700	10190		ug/Kg	☼	80	50 - 120
4-Chlorophenyl phenyl ether	ND		12700	9727		ug/Kg	☼	77	50 - 120
Benzo[b]fluoranthene	ND		12700	10590		ug/Kg	☼	84	45 - 125
Benzo[k]fluoranthene	ND		12700	10830		ug/Kg	☼	85	45 - 125
Benzo[g,h,i]perylene	ND		12700	10630		ug/Kg	☼	84	25 - 130
Benzoic acid	ND		12700	3742		ug/Kg	☼	30	20 - 120
Benzo[a]pyrene	ND		12700	10500		ug/Kg	☼	83	45 - 125
Benzyl alcohol	ND		12700	9091		ug/Kg	☼	72	20 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94810-H-24-Q MS**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Bis(2-chloroethoxy)methane	ND		12700	10330		ug/Kg	*	81	45 - 120
1,2-Dichlorobenzene	ND		12700	9134		ug/Kg	*	72	40 - 120
Bis(2-chloroethyl)ether	ND		12700	10200		ug/Kg	*	80	35 - 110
1,3-Dichlorobenzene	ND		12700	8970		ug/Kg	*	71	35 - 120
3,3'-Dichlorobenzidine	ND		12700	10210		ug/Kg	*	80	20 - 130
Butyl benzyl phthalate	ND		12700	10310		ug/Kg	*	81	45 - 125
2,4-Dichlorophenol	ND		12700	11030		ug/Kg	*	87	45 - 120
Chrysene	ND		12700	10610		ug/Kg	*	84	55 - 120
Dibenz(a,h)anthracene	ND		12700	12000		ug/Kg	*	95	25 - 135
Dibenzofuran	ND		12700	10110		ug/Kg	*	80	50 - 120
Diethyl phthalate	ND		12700	9637		ug/Kg	*	76	50 - 125
2-Methylnaphthalene	ND		12700	9911		ug/Kg	*	78	40 - 120
Dimethyl phthalate	ND		12700	10170		ug/Kg	*	80	45 - 125
2-Methylphenol	ND		12700	10620		ug/Kg	*	84	40 - 120
Di-n-butyl phthalate	ND		12700	10000		ug/Kg	*	79	50 - 125
2-Nitroaniline	ND		12700	11630		ug/Kg	*	92	45 - 120
Fluoranthene	ND		12700	9880		ug/Kg	*	78	45 - 120
3-Nitroaniline	ND		12700	10600		ug/Kg	*	84	30 - 120
Fluorene	ND		12700	9950		ug/Kg	*	78	50 - 120
4-Nitroaniline	ND		12700	9055		ug/Kg	*	71	40 - 125
Hexachlorobenzene	ND		12700	10650		ug/Kg	*	84	50 - 120
Hexachlorobutadiene	ND		12700	9206		ug/Kg	*	73	40 - 120
2-Nitrophenol	ND		12700	10230		ug/Kg	*	81	40 - 120
Hexachlorocyclopentadiene	ND		12700	7305		ug/Kg	*	58	20 - 125
4-Nitrophenol	ND		12700	8689		ug/Kg	*	69	35 - 125
Hexachloroethane	ND		12700	8726		ug/Kg	*	69	35 - 120
Indeno[1,2,3-cd]pyrene	ND		12700	12140		ug/Kg	*	96	20 - 130
Isophorone	ND		12700	10210		ug/Kg	*	81	40 - 120
Naphthalene	ND		12700	9775		ug/Kg	*	77	40 - 120
Nitrobenzene	ND		12700	10530		ug/Kg	*	83	40 - 120
N-Nitrosodi-n-propylamine	ND		12700	10200		ug/Kg	*	80	35 - 120
N-Nitrosodiphenylamine	ND		12700	11590		ug/Kg	*	91	45 - 125
1,2,4-Trichlorobenzene	ND		12700	9660		ug/Kg	*	76	40 - 120
Pentachlorophenol	ND		12700	9522		ug/Kg	*	75	30 - 120
2,4,5-Trichlorophenol	ND		12700	11240		ug/Kg	*	89	45 - 120
Phenanthrene	ND		12700	10790		ug/Kg	*	85	50 - 120
2,4,6-Trichlorophenol	ND		12700	11320		ug/Kg	*	89	45 - 120
Phenol	ND		12700	10780		ug/Kg	*	85	40 - 120
Pyrene	ND		12700	10920		ug/Kg	*	86	40 - 125
3-Methylphenol + 4-Methylphenol	ND		12700	10830		ug/Kg	*	85	50 - 120
4-Chloroaniline	ND		12700	8899		ug/Kg	*	70	20 - 120
Bis(2-ethylhexyl) phthalate	ND		12700	10170		ug/Kg	*	80	45 - 130
Di-n-octyl phthalate	ND		12700	10510		ug/Kg	*	83	50 - 135
4-Chloro-3-methylphenol	ND		12700	11260		ug/Kg	*	89	50 - 125
bis (2-chloroisopropyl) ether	ND		12700	11440		ug/Kg	*	90	40 - 120
N-Nitrosodimethylamine	ND		12700	8063		ug/Kg	*	64	25 - 125

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94810-H-24-Q MS**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	83		35 - 120
2-Fluorophenol (Surr)	78		25 - 120
2,4,6-Tribromophenol (Surr)	90		35 - 125
Nitrobenzene-d5 (Surr)	82		30 - 120
Terphenyl-d14 (Surr)	74		40 - 135
Phenol-d6 (Surr)	85		35 - 120

**Lab Sample ID: 440-94810-H-24-R MSD**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
2,4-Dimethylphenol	ND		12700	10280		ug/Kg	*	81	30 - 120	6	25	
2,4-Dinitrophenol	ND		12700	6094		ug/Kg	*	48	20 - 120	0	25	
2,4-Dinitrotoluene	ND		12700	9900		ug/Kg	*	78	50 - 125	5	25	
2,6-Dinitrotoluene	ND		12700	9998		ug/Kg	*	79	50 - 125	8	20	
1,2-Diphenylhydrazine(as Azobenzene)	ND		12700	9296		ug/Kg	*	73	50 - 125	7	25	
4,6-Dinitro-2-methylphenol	ND		12700	9594		ug/Kg	*	75	35 - 120	7	25	
4-Bromophenyl phenyl ether	ND		12700	10180		ug/Kg	*	80	45 - 120	10	20	
Acenaphthene	ND		12700	9371		ug/Kg	*	74	45 - 120	6	25	
Acenaphthylene	ND		12700	9548		ug/Kg	*	75	45 - 120	7	20	
Aniline	ND		12700	8814		ug/Kg	*	69	25 - 120	9	30	
1,4-Dichlorobenzene	ND		12700	8362		ug/Kg	*	66	35 - 120	7	25	
Anthracene	ND		12700	9847		ug/Kg	*	77	55 - 120	6	25	
2-Chloronaphthalene	ND		12700	9852		ug/Kg	*	77	45 - 120	8	20	
Benzidine	ND		12700	ND	F1	ug/Kg	*	0	20 - 120	NC	30	
2-Chlorophenol	ND		12700	10130		ug/Kg	*	80	40 - 120	6	20	
Benzo[a]anthracene	ND		12700	9655		ug/Kg	*	76	50 - 120	5	25	
4-Chlorophenyl phenyl ether	ND		12700	9255		ug/Kg	*	73	50 - 120	5	25	
Benzo[b]fluoranthene	ND		12700	10060		ug/Kg	*	79	45 - 125	5	30	
Benzo[k]fluoranthene	ND		12700	10050		ug/Kg	*	79	45 - 125	7	30	
Benzo[g,h,i]perylene	ND		12700	9801		ug/Kg	*	77	25 - 130	8	30	
Benzoic acid	ND		12700	3601		ug/Kg	*	28	20 - 120	4	30	
Benzo[a]pyrene	ND		12700	9843		ug/Kg	*	77	45 - 125	6	25	
Benzyl alcohol	ND		12700	5634	F2	ug/Kg	*	44	20 - 120	47	30	
Bis(2-chloroethoxy)methane	ND		12700	9543		ug/Kg	*	75	45 - 120	8	25	
1,2-Dichlorobenzene	ND		12700	8684		ug/Kg	*	68	40 - 120	5	25	
Bis(2-chloroethyl)ether	ND		12700	9420		ug/Kg	*	74	35 - 110	8	25	
1,3-Dichlorobenzene	ND		12700	8499		ug/Kg	*	67	35 - 120	5	25	
3,3'-Dichlorobenzidine	ND		12700	9620		ug/Kg	*	76	20 - 130	6	25	
Butyl benzyl phthalate	ND		12700	9365		ug/Kg	*	74	45 - 125	10	25	
2,4-Dichlorophenol	ND		12700	10280		ug/Kg	*	81	45 - 120	7	25	
Chrysene	ND		12700	9911		ug/Kg	*	78	55 - 120	7	25	
Dibenz(a,h)anthracene	ND		12700	11020		ug/Kg	*	87	25 - 135	9	30	
Dibenzofuran	ND		12700	9506		ug/Kg	*	75	50 - 120	6	25	
Diethyl phthalate	ND		12700	9052		ug/Kg	*	71	50 - 125	6	25	
2-Methylnaphthalene	ND		12700	9547		ug/Kg	*	75	40 - 120	4	20	

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 440-94810-H-24-R MSD**

**Matrix: Solid**

**Analysis Batch: 222697**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 222519**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Dimethyl phthalate	ND		12700	9445		ug/Kg	*	74	45 - 125	7	25
2-Methylphenol	ND		12700	10080		ug/Kg	*	79	40 - 120	5	25
Di-n-butyl phthalate	ND		12700	9260		ug/Kg	*	73	50 - 125	8	25
2-Nitroaniline	ND		12700	10930		ug/Kg	*	86	45 - 120	6	25
Fluoranthene	ND		12700	9360		ug/Kg	*	74	45 - 120	5	25
3-Nitroaniline	ND		12700	9916		ug/Kg	*	78	30 - 120	7	25
Fluorene	ND		12700	9351		ug/Kg	*	73	50 - 120	6	25
4-Nitroaniline	ND		12700	8400		ug/Kg	*	66	40 - 125	8	30
Hexachlorobenzene	ND		12700	9715		ug/Kg	*	76	50 - 120	9	25
Hexachlorobutadiene	ND		12700	8680		ug/Kg	*	68	40 - 120	6	25
2-Nitrophenol	ND		12700	9511		ug/Kg	*	75	40 - 120	7	25
Hexachlorocyclopentadiene	ND		12700	6192		ug/Kg	*	49	20 - 125	16	30
4-Nitrophenol	ND		12700	7782		ug/Kg	*	61	35 - 125	11	30
Hexachloroethane	ND		12700	8329		ug/Kg	*	65	35 - 120	5	30
Indeno[1,2,3-cd]pyrene	ND		12700	11270		ug/Kg	*	89	20 - 130	7	30
Isophorone	ND		12700	9810		ug/Kg	*	77	40 - 120	4	25
Naphthalene	ND		12700	9275		ug/Kg	*	73	40 - 120	5	25
Nitrobenzene	ND		12700	9825		ug/Kg	*	77	40 - 120	7	25
N-Nitrosodi-n-propylamine	ND		12700	9714		ug/Kg	*	76	35 - 120	5	25
N-Nitrosodiphenylamine	ND		12700	10390		ug/Kg	*	82	45 - 125	11	25
1,2,4-Trichlorobenzene	ND		12700	8988		ug/Kg	*	71	40 - 120	7	25
Pentachlorophenol	ND		12700	8610		ug/Kg	*	68	30 - 120	10	25
2,4,5-Trichlorophenol	ND		12700	10430		ug/Kg	*	82	45 - 120	7	20
Phenanthrene	ND		12700	9981		ug/Kg	*	78	50 - 120	8	25
2,4,6-Trichlorophenol	ND		12700	10280		ug/Kg	*	81	45 - 120	10	25
Phenol	ND		12700	9924		ug/Kg	*	78	40 - 120	8	25
Pyrene	ND		12700	9951		ug/Kg	*	78	40 - 125	9	30
3-Methylphenol + 4-Methylphenol	ND		12700	9992		ug/Kg	*	78	50 - 120	8	25
4-Chloroaniline	ND		12700	7973		ug/Kg	*	63	20 - 120	11	30
Bis(2-ethylhexyl) phthalate	ND		12700	9210		ug/Kg	*	72	45 - 130	10	25
Di-n-octyl phthalate	ND		12700	9504		ug/Kg	*	75	50 - 135	10	25
4-Chloro-3-methylphenol	ND		12700	10770		ug/Kg	*	85	50 - 125	4	25
bis (2-chloroisopropyl) ether	ND		12700	10940		ug/Kg	*	86	40 - 120	5	25
N-Nitrosodimethylamine	ND		12700	7363		ug/Kg	*	58	25 - 125	9	25

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	76		35 - 120
2-Fluorophenol (Surr)	72		25 - 120
2,4,6-Tribromophenol (Surr)	82		35 - 125
Nitrobenzene-d5 (Surr)	76		30 - 120
Terphenyl-d14 (Surr)	67		40 - 135
Phenol-d6 (Surr)	79		35 - 120

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8015B - Gasoline Range Organics - (GC)

**Lab Sample ID: MB 440-221919/5**

**Matrix: Water**

**Analysis Batch: 221919**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		50.0		ug/L			12/02/14 09:07	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		65 - 140					12/02/14 09:07	1

**Lab Sample ID: LCS 440-221919/4**

**Matrix: Water**

**Analysis Batch: 221919**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	800	843.5		ug/L		105	80 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	113		65 - 140				

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 221919**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	1290		4000	4087		ug/L		70	65 - 140
Surrogate	%Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	122		65 - 140						

**Lab Sample ID: 440-94483-11 MSD**

**Matrix: Water**

**Analysis Batch: 221919**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1290		4000	3882		ug/L		65	65 - 140	5	20
Surrogate	%Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	121		65 - 140								

**Lab Sample ID: MB 440-221922/5**

**Matrix: Solid**

**Analysis Batch: 221922**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		40000		ug/Kg			12/02/14 10:16	100
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		65 - 140					12/02/14 10:16	100

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: LCS 440-221922/3**

**Matrix: Solid**

**Analysis Batch: 221922**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	160000	156800		ug/Kg		98	70 - 135
<b>Surrogate</b>		<b>LCS %Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
4-Bromofluorobenzene (Surr)		98					65 - 140

**Lab Sample ID: LCSD 440-221922/4**

**Matrix: Solid**

**Analysis Batch: 221922**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	160000	157200		ug/Kg		98	70 - 135	0	20
<b>Surrogate</b>		<b>LCSD %Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
4-Bromofluorobenzene (Surr)		100					65 - 140		

**Lab Sample ID: MB 440-221970/6**

**Matrix: Solid**

**Analysis Batch: 221970**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg			12/02/14 12:30	1
<b>Surrogate</b>	<b>MB %Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	108		65 - 140					12/02/14 12:30	1

**Lab Sample ID: LCS 440-221970/4**

**Matrix: Solid**

**Analysis Batch: 221970**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	1600	1476		ug/Kg		92	70 - 135
<b>Surrogate</b>		<b>LCS %Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
4-Bromofluorobenzene (Surr)		116					65 - 140

**Lab Sample ID: LCSD 440-221970/5**

**Matrix: Solid**

**Analysis Batch: 221970**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	1600	1443		ug/Kg		90	70 - 135	2	20
<b>Surrogate</b>		<b>LCSD %Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
4-Bromofluorobenzene (Surr)		115					65 - 140		

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8015B - Gasoline Range Organics - (GC) (Continued)

**Lab Sample ID: 440-94483-6 MS**

**Matrix: Solid**

**Analysis Batch: 221970**

**Client Sample ID: SACA1126SC005**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	4050		4460	15490	E F1	ug/Kg	☼	257	60 - 140
<b>Surrogate</b>	<b>%Recovery</b>	<b>MS Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	74		65 - 140						

**Lab Sample ID: 440-94483-6 MSD**

**Matrix: Solid**

**Analysis Batch: 221970**

**Client Sample ID: SACA1126SC005**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	4050		4460	21190	E F1 F2	ug/Kg	☼	384	60 - 140	31	30
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	81		65 - 140								

**Lab Sample ID: MB 440-222565/5**

**Matrix: Solid**

**Analysis Batch: 222565**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		40000		ug/Kg			12/04/14 12:14	100
<b>Surrogate</b>	<b>%Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	100		65 - 140						

**Lab Sample ID: LCS 440-222565/3**

**Matrix: Solid**

**Analysis Batch: 222565**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	160000	145500		ug/Kg		91	70 - 135
<b>Surrogate</b>	<b>%Recovery</b>	<b>LCS Qualifier</b>	<b>Limits</b>				
4-Bromofluorobenzene (Surr)	95		65 - 140				

**Lab Sample ID: LCSD 440-222565/4**

**Matrix: Solid**

**Analysis Batch: 222565**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	160000	156900		ug/Kg		98	70 - 135	8	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>LCSD Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	102		65 - 140						

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 440-221789/1-A**

**Matrix: Solid**

**Analysis Batch: 221975**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221789**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.00		mg/Kg		12/01/14 14:42	12/02/14 09:04	1
C23-C40	ND		5.00		mg/Kg		12/01/14 14:42	12/02/14 09:04	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n-Octacosane</i>	80		40 - 140				12/01/14 14:42	12/02/14 09:04	1

**Lab Sample ID: LCS 440-221789/2-A**

**Matrix: Solid**

**Analysis Batch: 221975**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221789**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
C10-C28	66.7	64.40		mg/Kg		97	45 - 115
Surrogate	%Recovery	LCS Qualifier	Limits				
<i>n-Octacosane</i>	91		40 - 140				

**Lab Sample ID: 440-94057-A-7-C MS**

**Matrix: Solid**

**Analysis Batch: 221975**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 221789**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
C10-C28	ND		137	81.48		mg/Kg		59	40 - 120
Surrogate	%Recovery	MS Qualifier	Limits						
<i>n-Octacosane</i>	56		40 - 140						

**Lab Sample ID: 440-94057-A-7-D MSD**

**Matrix: Solid**

**Analysis Batch: 221975**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 221789**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
C10-C28	ND		142	94.29		mg/Kg		67	40 - 120	15	30
Surrogate	%Recovery	MSD Qualifier	Limits								
<i>n-Octacosane</i>	63		40 - 140								

**Lab Sample ID: MB 440-221864/1-A**

**Matrix: Waste**

**Analysis Batch: 221674**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221864**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		1500		mg/Kg		12/01/14 19:51	12/01/14 21:55	1
C23-C40	ND		1500		mg/Kg		12/01/14 19:51	12/01/14 21:55	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>n-Octacosane</i>	112		70 - 130				12/01/14 19:51	12/01/14 21:55	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCS 440-221864/2-A**

**Matrix: Waste**

**Analysis Batch: 221674**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221864**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	5000	5821		mg/Kg		116	70 - 130
<b>Surrogate</b>		<b>LCS %Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
<i>n-Octacosane</i>		110					70 - 130

**Lab Sample ID: LCSD 440-221864/3-A**

**Matrix: Waste**

**Analysis Batch: 221674**

**Client Sample ID: Lab Control Sample Dup**

**Prep Type: Total/NA**

**Prep Batch: 221864**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
C10-C28	5000	5930		mg/Kg		119	70 - 130	2	25
<b>Surrogate</b>		<b>LCSD %Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
<i>n-Octacosane</i>		117					70 - 130		

**Lab Sample ID: MB 440-221907/1-A**

**Matrix: Water**

**Analysis Batch: 221977**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 221907**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		0.500		mg/L		12/02/14 06:45	12/02/14 13:44	1
C23-C40	ND		0.500		mg/L		12/02/14 06:45	12/02/14 13:44	1
<b>Surrogate</b>	<b>MB %Recovery</b>	<b>MB Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>n-Octacosane</i>	72		45 - 120				12/02/14 06:45	12/02/14 13:44	1

**Lab Sample ID: LCS 440-221907/2-A**

**Matrix: Water**

**Analysis Batch: 221977**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 221907**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	1.00	0.7506		mg/L		75	40 - 115
<b>Surrogate</b>		<b>LCS %Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
<i>n-Octacosane</i>		69					45 - 120

**Lab Sample ID: 440-94483-11 MS**

**Matrix: Water**

**Analysis Batch: 221977**

**Client Sample ID: SACA1126TT011**

**Prep Type: Total/NA**

**Prep Batch: 221907**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	0.858		1.10	0.8622	F1	mg/L		0.4	40 - 120
<b>Surrogate</b>	<b>MS %Recovery</b>	<b>MS Qualifier</b>	<b>Limits</b>						
<i>n-Octacosane</i>	48		45 - 120						

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: 440-94483-11 MSD**  
**Matrix: Water**  
**Analysis Batch: 221977**

**Client Sample ID: SACA1126TT011**  
**Prep Type: Total/NA**  
**Prep Batch: 221907**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	0.858		1.04	0.9002	F1	mg/L		4	40 - 120	4	30
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane	51		45 - 120								

**Lab Sample ID: MB 440-222514/1-A**  
**Matrix: Solid**  
**Analysis Batch: 222534**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 222514**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
C13-C22	ND		5.00		mg/Kg		12/04/14 08:50	12/04/14 15:54	1	
C23-C40	ND		5.00		mg/Kg		12/04/14 08:50	12/04/14 15:54	1	
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac				
n-Octacosane	88		40 - 140	12/04/14 08:50	12/04/14 15:54	1				

**Lab Sample ID: LCS 440-222514/2-A**  
**Matrix: Solid**  
**Analysis Batch: 222534**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 222514**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	66.7	61.74		mg/Kg		93	45 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane	87		40 - 140				

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 440-221927/17**  
**Matrix: Water**  
**Analysis Batch: 221927**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.110		mg/L			12/02/14 13:54	1
Nitrate Nitrite as N	ND		0.150		mg/L			12/02/14 13:54	1
Nitrite as N	ND		0.150		mg/L			12/02/14 13:54	1
Nitrite as NO2	ND		0.500		mg/L			12/02/14 13:54	1
Nitrate as NO3	ND		0.500		mg/L			12/02/14 13:54	1
Orthophosphate as P	ND		0.160		mg/L			12/02/14 13:54	1
Orthophosphorus as PO4	ND		0.500		mg/L			12/02/14 13:54	1

**Lab Sample ID: LCS 440-221927/18**  
**Matrix: Water**  
**Analysis Batch: 221927**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.13	1.053		mg/L		93	90 - 110

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID:** LCS 440-221927/18  
**Matrix:** Water  
**Analysis Batch:** 221927

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Nitrate Nitrite as N	2.65	2.569		mg/L		97	90 - 110	
Nitrite as N	1.52	1.516		mg/L		100	90 - 110	
Nitrite as NO2	5.00	4.982		mg/L		100	90 - 110	
Nitrate as NO3	5.00	4.659		mg/L		93	90 - 110	
Orthophosphate as P	1.63	1.604		mg/L		98	90 - 110	
Orthophosphorus as PO4	5.00	4.918		mg/L		98	90 - 110	

**Lab Sample ID:** 440-94483-11 MS  
**Matrix:** Water  
**Analysis Batch:** 221927

**Client Sample ID:** SACA1126TT011  
**Prep Type:** Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Nitrate as N	ND	H	22.6	28.67	H F1	mg/L		127	80 - 120	
Nitrate Nitrite as N	ND	H	53.0	28.67	H F1	mg/L		54	80 - 120	
Nitrite as N	ND	H	30.4	ND	H F1	mg/L		0	80 - 120	
Nitrite as NO2	ND	H	100	ND	H F1	mg/L		0	80 - 120	
Nitrate as NO3	ND	H	100	126.9	H F1	mg/L		127	80 - 120	
Orthophosphate as P	ND	H	32.6	34.26	H	mg/L		105	80 - 120	
Orthophosphorus as PO4	ND	H	100	105.0	H	mg/L		105	80 - 120	

**Lab Sample ID:** 440-94483-11 MSD  
**Matrix:** Water  
**Analysis Batch:** 221927

**Client Sample ID:** SACA1126TT011  
**Prep Type:** Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
											RPD	Limit
Nitrate as N	ND	H	22.6	29.22	H F1	mg/L		129	80 - 120	2	20	
Nitrate Nitrite as N	ND	H	53.0	29.22	H F1	mg/L		55	80 - 120	2	20	
Nitrite as N	ND	H	30.4	ND	H F1	mg/L		0	80 - 120	NC	20	
Nitrite as NO2	ND	H	100	ND	H F1	mg/L		0	80 - 120	NC	20	
Nitrate as NO3	ND	H	100	129.3	H F1	mg/L		129	80 - 120	2	20	
Orthophosphate as P	ND	H	32.6	34.57	H	mg/L		106	80 - 120	1	20	
Orthophosphorus as PO4	ND	H	100	106.0	H	mg/L		106	80 - 120	1	20	

**Lab Sample ID:** MB 440-221928/17  
**Matrix:** Water  
**Analysis Batch:** 221928

**Client Sample ID:** Method Blank  
**Prep Type:** Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.500		mg/L		12/02/14 13:54	1	
Fluoride	ND		0.500		mg/L		12/02/14 13:54	1	
Sulfate	ND		0.500		mg/L		12/02/14 13:54	1	

**Lab Sample ID:** LCS 440-221928/18  
**Matrix:** Water  
**Analysis Batch:** 221928

**Client Sample ID:** Lab Control Sample  
**Prep Type:** Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Bromide	5.00	5.005		mg/L		100	90 - 110	

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCS 440-221928/18**  
**Matrix: Water**  
**Analysis Batch: 221928**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	5.071		mg/L		101	90 - 110
Fluoride	5.00	4.790		mg/L		96	90 - 110
Sulfate	5.00	5.051		mg/L		101	90 - 110

**Lab Sample ID: 440-94483-11 MS**  
**Matrix: Water**  
**Analysis Batch: 221928**

**Client Sample ID: SACA1126TT011**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromide	ND		100	192.7	F1	mg/L		193	80 - 120
Chloride	21000	E	100	19210	E 4	mg/L		-1830	80 - 120
Fluoride	ND		100	91.22		mg/L		91	80 - 120
Sulfate	166		100	239.4	F1	mg/L		73	80 - 120

**Lab Sample ID: 440-94483-11 MSD**  
**Matrix: Water**  
**Analysis Batch: 221928**

**Client Sample ID: SACA1126TT011**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromide	ND		100	189.0	F1	mg/L		189	80 - 120	2	20
Chloride	21000	E	100	19220	E 4	mg/L		-1822	80 - 120	0	20
Fluoride	ND		100	90.81		mg/L		91	80 - 120	0	20
Sulfate	166		100	241.6	F1	mg/L		75	80 - 120	1	20

**Lab Sample ID: MB 440-222214/4**  
**Matrix: Water**  
**Analysis Batch: 222214**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.110		mg/L			12/03/14 09:35	1
Nitrate Nitrite as N	ND		0.150		mg/L			12/03/14 09:35	1
Nitrite as N	ND		0.150		mg/L			12/03/14 09:35	1
Nitrite as NO2	ND		0.500		mg/L			12/03/14 09:35	1
Nitrate as NO3	ND		0.500		mg/L			12/03/14 09:35	1
Orthophosphate as P	ND		0.160		mg/L			12/03/14 09:35	1
Orthophosphorus as PO4	ND		0.500		mg/L			12/03/14 09:35	1

**Lab Sample ID: LCS 440-222214/6**  
**Matrix: Water**  
**Analysis Batch: 222214**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.13	1.033		mg/L		91	90 - 110
Nitrate Nitrite as N	2.65	2.539		mg/L		96	90 - 110
Nitrite as N	1.52	1.506		mg/L		99	90 - 110
Nitrite as NO2	5.00	4.948		mg/L		99	90 - 110
Nitrate as NO3	5.00	4.571		mg/L		91	90 - 110
Orthophosphate as P	1.63	1.482		mg/L		91	90 - 110
Orthophosphorus as PO4	5.00	4.544		mg/L		91	90 - 110

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 440-94807-C-8 MS**

**Matrix: Water**

**Analysis Batch: 222214**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Nitrate as N	ND		1.13	1.087		mg/L		96	80 - 120
Nitrate Nitrite as N	ND		2.65	2.800		mg/L		106	80 - 120
Nitrite as N	ND		1.52	1.713		mg/L		113	80 - 120
Nitrite as NO2	ND		5.00	5.629		mg/L		113	80 - 120
Nitrate as NO3	ND		5.00	4.812		mg/L		96	80 - 120
Orthophosphate as P	ND		1.63	1.448		mg/L		89	80 - 120
Orthophosphorus as PO4	ND		5.00	4.439		mg/L		89	80 - 120

**Lab Sample ID: 440-94807-C-8 MSD**

**Matrix: Water**

**Analysis Batch: 222214**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Nitrate as N	ND		1.13	1.077		mg/L		95	80 - 120	1	20
Nitrate Nitrite as N	ND		2.65	2.800		mg/L		106	80 - 120	0	20
Nitrite as N	ND		1.52	1.723		mg/L		113	80 - 120	1	20
Nitrite as NO2	ND		5.00	5.661		mg/L		113	80 - 120	1	20
Nitrate as NO3	ND		5.00	4.766		mg/L		95	80 - 120	1	20
Orthophosphate as P	ND		1.63	1.507		mg/L		92	80 - 120	4	20
Orthophosphorus as PO4	ND		5.00	4.622		mg/L		92	80 - 120	4	20

**Lab Sample ID: MB 440-223231/1-A**

**Matrix: Solid**

**Analysis Batch: 223197**

**Client Sample ID: Method Blank**

**Prep Type: Soluble**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrate as N	ND		1.10		mg/Kg			12/08/14 15:56	1
Nitrate Nitrite as N	ND		1.50		mg/Kg			12/08/14 15:56	1
Nitrite as N	ND		1.50		mg/Kg			12/08/14 15:56	1
Nitrite as NO2	ND		5.00		mg/Kg			12/08/14 15:56	1
Nitrate as NO3	ND		5.00		mg/Kg			12/08/14 15:56	1
Orthophosphate as P	ND		1.60		mg/Kg			12/08/14 15:56	1
Orthophosphorus as PO4	ND		5.00		mg/Kg			12/08/14 15:56	1

**Lab Sample ID: LCS 440-223231/2-A**

**Matrix: Solid**

**Analysis Batch: 223197**

**Client Sample ID: Lab Control Sample**

**Prep Type: Soluble**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Added	Result				
Nitrate as N	11.3	10.69		mg/Kg		95	90 - 110
Nitrate Nitrite as N	26.5	25.88		mg/Kg		98	90 - 110
Nitrite as N	15.2	15.19		mg/Kg		100	90 - 110
Nitrite as NO2	50.0	49.92		mg/Kg		100	90 - 110
Nitrate as NO3	50.0	47.30		mg/Kg		95	90 - 110
Orthophosphate as P	16.3	15.78		mg/Kg		97	90 - 110
Orthophosphorus as PO4	50.0	48.39		mg/Kg		97	90 - 110

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 440-95653-A-1-B MS**

**Matrix: Solid**

**Analysis Batch: 223197**

**Client Sample ID: Matrix Spike**

**Prep Type: Soluble**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Nitrate as N	1.53		11.3	11.42		mg/Kg		88		80 - 120
Nitrate Nitrite as N	1.53		26.5	27.73		mg/Kg		99		80 - 120
Nitrite as N	ND		15.2	16.31		mg/Kg		107		80 - 120
Nitrite as NO2	ND		50.0	53.57		mg/Kg		107		80 - 120
Nitrate as NO3	6.76		50.0	50.56		mg/Kg		88		80 - 120
Orthophosphate as P	ND		16.3	6.900	F1	mg/Kg		42		80 - 120
Orthophosphorus as PO4	ND		50.0	21.16	F1	mg/Kg		42		80 - 120

**Lab Sample ID: 440-95653-A-1-C MSD**

**Matrix: Solid**

**Analysis Batch: 223197**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Soluble**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						Limit	Limit
Nitrate as N	1.53		11.2	11.00		mg/Kg		84		80 - 120	4	20
Nitrate Nitrite as N	1.53		26.4	26.66		mg/Kg		95		80 - 120	4	20
Nitrite as N	ND		15.1	15.66		mg/Kg		103		80 - 120	4	20
Nitrite as NO2	ND		49.8	51.45		mg/Kg		103		80 - 120	4	20
Nitrate as NO3	6.76		49.7	48.71		mg/Kg		84		80 - 120	4	20
Orthophosphate as P	ND		16.2	6.838	F1	mg/Kg		42		80 - 120	1	20
Orthophosphorus as PO4	ND		49.8	20.97	F1	mg/Kg		42		80 - 120	1	20

**Lab Sample ID: MB 440-223231/1-A**

**Matrix: Solid**

**Analysis Batch: 223198**

**Client Sample ID: Method Blank**

**Prep Type: Soluble**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromide	ND		5.00		mg/Kg			12/08/14 15:56	1
Chloride	ND		5.00		mg/Kg			12/08/14 15:56	1
Fluoride	ND		5.00		mg/Kg			12/08/14 15:56	1
Sulfate	ND		5.00		mg/Kg			12/08/14 15:56	1

**Lab Sample ID: LCS 440-223231/2-A**

**Matrix: Solid**

**Analysis Batch: 223198**

**Client Sample ID: Lab Control Sample**

**Prep Type: Soluble**

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Added	Result					
Bromide	50.0	50.22		mg/Kg		100		90 - 110
Chloride	50.0	50.25		mg/Kg		100		90 - 110
Fluoride	50.0	45.34		mg/Kg		91		90 - 110
Sulfate	50.0	49.91		mg/Kg		100		90 - 110

**Lab Sample ID: 440-95653-A-1-B MS**

**Matrix: Solid**

**Analysis Batch: 223198**

**Client Sample ID: Matrix Spike**

**Prep Type: Soluble**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Bromide	ND		50.0	51.88		mg/Kg		104		80 - 120
Chloride	67.9		50.0	117.8		mg/Kg		100		80 - 120
Fluoride	11.4		50.0	47.50	F1	mg/Kg		72		80 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 440-95653-A-1-B MS**  
**Matrix: Solid**  
**Analysis Batch: 223198**

**Client Sample ID: Matrix Spike**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	138		50.0	194.6		mg/Kg		114	80 - 120

**Lab Sample ID: 440-95653-A-1-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 223198**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromide	ND		49.8	49.67		mg/Kg		100	80 - 120	4	20
Chloride	67.9		49.8	103.5	F1	mg/Kg		71	80 - 120	13	20
Fluoride	11.4		49.7	45.46	F1	mg/Kg		69	80 - 120	4	20
Sulfate	138		49.8	173.9	F1	mg/Kg		73	80 - 120	11	20

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 440-221791/1-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 222001**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 221791**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.80		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Copper	ND		1.96		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Lead	ND		1.96		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Cobalt	ND		0.980		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Molybdenum	ND		1.96		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Chromium	ND		0.980		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Nickel	ND		1.96		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Cadmium	ND		0.490		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Selenium	ND		2.94		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Beryllium	ND		0.490		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Thallium	ND		9.80		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Barium	ND		1.47		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Vanadium	ND		0.980		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Arsenic	ND		2.94		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Zinc	ND		4.90		mg/Kg		12/01/14 15:00	12/02/14 10:23	5
Silver	ND		1.47		mg/Kg		12/01/14 15:00	12/02/14 10:23	5

**Lab Sample ID: LCS 440-221791/2-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 222001**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 221791**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.0	50.01		mg/Kg		102	80 - 120
Copper	49.0	48.98		mg/Kg		100	80 - 120
Lead	49.0	47.88		mg/Kg		98	80 - 120
Cobalt	49.0	47.71		mg/Kg		97	80 - 120
Molybdenum	49.0	47.98		mg/Kg		98	80 - 120
Chromium	49.0	47.15		mg/Kg		96	80 - 120
Nickel	49.0	49.02		mg/Kg		100	80 - 120
Cadmium	49.0	45.71		mg/Kg		93	80 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 440-221791/2-A ^5**  
**Matrix: Solid**  
**Analysis Batch: 222001**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 221791**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	49.0	42.26		mg/Kg		86	80 - 120
Beryllium	49.0	46.95		mg/Kg		96	80 - 120
Thallium	49.0	46.64		mg/Kg		95	80 - 120
Barium	49.0	47.78		mg/Kg		97	80 - 120
Vanadium	49.0	49.16		mg/Kg		100	80 - 120
Arsenic	49.0	48.64		mg/Kg		99	80 - 120
Zinc	49.0	45.59		mg/Kg		93	80 - 120
Silver	24.5	23.69		mg/Kg		97	80 - 120

**Lab Sample ID: 440-94483-6 MS**  
**Matrix: Solid**  
**Analysis Batch: 222001**

**Client Sample ID: SACA1126SC005**  
**Prep Type: Total/NA**  
**Prep Batch: 221791**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		70.3	38.02	F1	mg/Kg	☼	54	75 - 125
Copper	29.2		70.3	93.54		mg/Kg	☼	91	75 - 125
Lead	16.8		70.3	76.87		mg/Kg	☼	85	75 - 125
Cobalt	4.46		70.3	66.53		mg/Kg	☼	88	75 - 125
Molybdenum	ND		70.3	65.16		mg/Kg	☼	93	75 - 125
Chromium	28.0		70.3	86.72		mg/Kg	☼	83	75 - 125
Nickel	21.0		70.3	84.40		mg/Kg	☼	90	75 - 125
Cadmium	ND		70.3	61.29		mg/Kg	☼	86	75 - 125
Selenium	ND		70.3	63.07		mg/Kg	☼	90	75 - 125
Beryllium	ND		70.3	64.59		mg/Kg	☼	92	75 - 125
Thallium	ND		70.3	60.92		mg/Kg	☼	87	75 - 125
Barium	1870		70.3	2231	4	mg/Kg	☼	520	75 - 125
Vanadium	40.9		70.3	107.4		mg/Kg	☼	94	75 - 125
Arsenic	8.65		70.3	72.35		mg/Kg	☼	91	75 - 125
Zinc	140		70.3	166.3	F1	mg/Kg	☼	38	75 - 125
Silver	ND		35.2	33.59		mg/Kg	☼	96	75 - 125

**Lab Sample ID: 440-94483-6 MSD**  
**Matrix: Solid**  
**Analysis Batch: 222001**

**Client Sample ID: SACA1126SC005**  
**Prep Type: Total/NA**  
**Prep Batch: 221791**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		71.0	32.73	F1	mg/Kg	☼	46	75 - 125	15	20
Copper	29.2		71.0	95.13		mg/Kg	☼	93	75 - 125	2	20
Lead	16.8		71.0	77.15		mg/Kg	☼	85	75 - 125	0	20
Cobalt	4.46		71.0	66.76		mg/Kg	☼	88	75 - 125	0	20
Molybdenum	ND		71.0	65.69		mg/Kg	☼	92	75 - 125	1	20
Chromium	28.0		71.0	88.10		mg/Kg	☼	85	75 - 125	2	20
Nickel	21.0		71.0	85.49		mg/Kg	☼	91	75 - 125	1	20
Cadmium	ND		71.0	62.39		mg/Kg	☼	87	75 - 125	2	20
Selenium	ND		71.0	62.75		mg/Kg	☼	88	75 - 125	1	20
Beryllium	ND		71.0	65.98		mg/Kg	☼	93	75 - 125	2	20
Thallium	ND		71.0	62.22		mg/Kg	☼	88	75 - 125	2	20
Barium	1870		71.0	2065	4	mg/Kg	☼	281	75 - 125	8	20
Vanadium	40.9		71.0	107.8		mg/Kg	☼	94	75 - 125	0	20

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94483-6 MSD

Matrix: Solid

Analysis Batch: 222001

Client Sample ID: SACA1126SC005

Prep Type: Total/NA

Prep Batch: 221791

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Arsenic	8.65		71.0	71.06		mg/Kg	*	88	75 - 125	2	20
Zinc	140		71.0	164.4	F1	mg/Kg	*	35	75 - 125	1	20
Silver	ND		35.5	34.36		mg/Kg	*	97	75 - 125	2	20

Lab Sample ID: MB 440-222501/1-A ^5

Matrix: Solid

Analysis Batch: 222592

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 222501

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		9.90		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Copper	ND		1.98		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Lead	ND		1.98		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Cobalt	ND		0.990		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Molybdenum	ND		1.98		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Chromium	ND		0.990		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Nickel	ND		1.98		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Cadmium	ND		0.495		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Selenium	ND		2.97		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Beryllium	ND		0.495		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Thallium	ND		9.90		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Barium	ND		1.49		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Vanadium	ND		0.990		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Arsenic	ND		2.97		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Zinc	6.436		4.95		mg/Kg		12/04/14 08:01	12/04/14 13:01	5
Silver	ND		1.49		mg/Kg		12/04/14 08:01	12/04/14 13:01	5

Lab Sample ID: LCS 440-222501/2-A ^5

Matrix: Solid

Analysis Batch: 222592

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 222501

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Antimony	49.3	48.01		mg/Kg		97	80 - 120
Copper	49.3	49.07		mg/Kg		100	80 - 120
Lead	49.3	47.41		mg/Kg		96	80 - 120
Cobalt	49.3	47.02		mg/Kg		95	80 - 120
Molybdenum	49.3	47.47		mg/Kg		96	80 - 120
Chromium	49.3	46.80		mg/Kg		95	80 - 120
Nickel	49.3	48.41		mg/Kg		98	80 - 120
Cadmium	49.3	44.54		mg/Kg		90	80 - 120
Selenium	49.3	40.45		mg/Kg		82	80 - 120
Beryllium	49.3	46.17		mg/Kg		94	80 - 120
Thallium	49.3	46.21		mg/Kg		94	80 - 120
Barium	49.3	46.80		mg/Kg		95	80 - 120
Vanadium	49.3	48.65		mg/Kg		99	80 - 120
Arsenic	49.3	47.70		mg/Kg		97	80 - 120
Zinc	49.3	44.88		mg/Kg		91	80 - 120
Silver	24.6	23.24		mg/Kg		94	80 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94956-B-1-B MS ^5

Matrix: Solid

Analysis Batch: 222592

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 222501

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Antimony	ND		49.0	20.46	F1	mg/Kg		42		75 - 125
Copper	13.0		49.0	57.81		mg/Kg		91		75 - 125
Lead	2.35		49.0	46.39		mg/Kg		90		75 - 125
Cobalt	5.17		49.0	48.23		mg/Kg		88		75 - 125
Molybdenum	ND		49.0	44.19		mg/Kg		90		75 - 125
Chromium	10.5		49.0	53.78		mg/Kg		88		75 - 125
Nickel	8.44		49.0	52.46		mg/Kg		90		75 - 125
Cadmium	ND		49.0	41.40		mg/Kg		84		75 - 125
Selenium	ND		49.0	38.23		mg/Kg		78		75 - 125
Beryllium	ND		49.0	43.45		mg/Kg		89		75 - 125
Thallium	ND		49.0	41.41		mg/Kg		84		75 - 125
Barium	247		49.0	281.2	4	mg/Kg		70		75 - 125
Vanadium	21.3		49.0	66.63		mg/Kg		93		75 - 125
Arsenic	7.93		49.0	53.35		mg/Kg		93		75 - 125
Zinc	24.9	B	49.0	64.31		mg/Kg		80		75 - 125
Silver	ND		24.5	22.73		mg/Kg		93		75 - 125

Lab Sample ID: 440-94956-B-1-C MSD ^5

Matrix: Solid

Analysis Batch: 222592

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 222501

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Antimony	ND		49.8	20.79	F1	mg/Kg		42		75 - 125	2	20
Copper	13.0		49.8	59.91		mg/Kg		94		75 - 125	4	20
Lead	2.35		49.8	48.25		mg/Kg		92		75 - 125	4	20
Cobalt	5.17		49.8	50.28		mg/Kg		91		75 - 125	4	20
Molybdenum	ND		49.8	45.88		mg/Kg		92		75 - 125	4	20
Chromium	10.5		49.8	56.40		mg/Kg		92		75 - 125	5	20
Nickel	8.44		49.8	54.86		mg/Kg		93		75 - 125	4	20
Cadmium	ND		49.8	42.54		mg/Kg		85		75 - 125	3	20
Selenium	ND		49.8	39.89		mg/Kg		80		75 - 125	4	20
Beryllium	ND		49.8	45.02		mg/Kg		90		75 - 125	4	20
Thallium	ND		49.8	43.15		mg/Kg		87		75 - 125	4	20
Barium	247		49.8	293.3	4	mg/Kg		93		75 - 125	4	20
Vanadium	21.3		49.8	68.69		mg/Kg		95		75 - 125	3	20
Arsenic	7.93		49.8	54.41		mg/Kg		93		75 - 125	2	20
Zinc	24.9	B	49.8	66.75		mg/Kg		84		75 - 125	4	20
Silver	ND		24.9	23.20		mg/Kg		93		75 - 125	2	20

Lab Sample ID: MB 440-222128/1-A

Matrix: Water

Analysis Batch: 222282

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 222128

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Antimony	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Copper	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Cobalt	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Molybdenum	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 10:17	1

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 440-222128/1-A**  
**Matrix: Water**  
**Analysis Batch: 222282**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 222128**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.00500		mg/L		12/02/14 18:20	12/03/14 10:17	1
Nickel	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Cadmium	ND		0.00500		mg/L		12/02/14 18:20	12/03/14 10:17	1
Selenium	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Beryllium	ND		0.00200		mg/L		12/02/14 18:20	12/03/14 10:17	1
Thallium	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Barium	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Vanadium	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Arsenic	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1
Zinc	ND		0.0200		mg/L		12/02/14 18:20	12/03/14 10:17	1
Silver	ND		0.0100		mg/L		12/02/14 18:20	12/03/14 10:17	1

**Lab Sample ID: MB 440-222128/1-A**  
**Matrix: Water**  
**Analysis Batch: 222311**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 222128**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.00500		mg/L		12/02/14 18:20	12/03/14 12:11	1

**Lab Sample ID: LCS 440-222128/2-A**  
**Matrix: Water**  
**Analysis Batch: 222282**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 222128**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	1.00	1.026		mg/L		103	80 - 120	
Copper	1.00	1.014		mg/L		101	80 - 120	
Cobalt	1.00	0.9982		mg/L		100	80 - 120	
Molybdenum	1.00	0.9891		mg/L		99	80 - 120	
Chromium	1.00	0.9968		mg/L		100	80 - 120	
Nickel	1.00	1.007		mg/L		101	80 - 120	
Cadmium	1.00	0.9940		mg/L		99	80 - 120	
Selenium	1.00	0.9359		mg/L		94	80 - 120	
Beryllium	1.00	1.008		mg/L		101	80 - 120	
Thallium	1.00	0.9771		mg/L		98	80 - 120	
Barium	1.00	1.013		mg/L		101	80 - 120	
Vanadium	1.00	1.018		mg/L		102	80 - 120	
Arsenic	1.00	0.9894		mg/L		99	80 - 120	
Zinc	1.00	0.9688		mg/L		97	80 - 120	
Silver	0.500	0.5025		mg/L		100	80 - 120	

**Lab Sample ID: LCS 440-222128/2-A**  
**Matrix: Water**  
**Analysis Batch: 222311**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total Recoverable**  
**Prep Batch: 222128**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Lead	1.00	0.9964		mg/L		100	80 - 120	
Arsenic	1.00	0.9782		mg/L		98	80 - 120	

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94483-11 MS

Matrix: Water

Analysis Batch: 222282

Client Sample ID: SACA1126TT011

Prep Type: Total Recoverable

Prep Batch: 222128

Analyte	Sample	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.	
	Result			MS Result	MS Qualifier				Limits	Limits
Antimony	ND		1.00	1.019		mg/L		102	75 - 125	
Arsenic	ND		1.00	0.9810		mg/L		98	75 - 125	
Barium	2.89		1.00	3.699		mg/L		80	75 - 125	
Beryllium	ND		1.00	0.9687		mg/L		97	75 - 125	
Cadmium	0.0828		1.00	1.059		mg/L		98	75 - 125	
Chromium	ND		1.00	1.002		mg/L		100	75 - 125	
Cobalt	ND		1.00	0.9524		mg/L		95	75 - 125	
Copper	ND		1.00	1.122		mg/L		104	75 - 125	
Molybdenum	ND		1.00	0.9541		mg/L		95	75 - 125	
Nickel	ND		1.00	1.028		mg/L		103	75 - 125	
Selenium	ND		1.00	0.9704		mg/L		97	75 - 125	
Thallium	ND		1.00	0.9279		mg/L		93	75 - 125	
Vanadium	ND		1.00	1.078		mg/L		108	75 - 125	
Zinc	ND		1.00	1.041		mg/L		104	75 - 125	
Silver	ND		0.500	0.5288		mg/L		106	75 - 125	

Lab Sample ID: 440-94483-11 MS

Matrix: Water

Analysis Batch: 222311

Client Sample ID: SACA1126TT011

Prep Type: Total Recoverable

Prep Batch: 222128

Analyte	Sample	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.	
	Result			MS Result	MS Qualifier				Limits	Limits
Lead	ND		1.00	0.9891		mg/L		99	75 - 125	

Lab Sample ID: 440-94483-11 MSD

Matrix: Water

Analysis Batch: 222282

Client Sample ID: SACA1126TT011

Prep Type: Total Recoverable

Prep Batch: 222128

Analyte	Sample	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	
	Result			MSD Result	MSD Qualifier				Limits	Limits	RPD	Limit
Antimony	ND		1.00	1.086		mg/L		109	75 - 125	6	20	
Arsenic	ND		1.00	1.064		mg/L		106	75 - 125	8	20	
Barium	2.89		1.00	3.748		mg/L		85	75 - 125	1	20	
Beryllium	ND		1.00	0.9944		mg/L		99	75 - 125	3	20	
Cadmium	0.0828		1.00	1.080		mg/L		100	75 - 125	2	20	
Chromium	ND		1.00	1.021		mg/L		102	75 - 125	2	20	
Cobalt	ND		1.00	0.9765		mg/L		98	75 - 125	2	20	
Copper	ND		1.00	1.169		mg/L		108	75 - 125	4	20	
Molybdenum	ND		1.00	1.005		mg/L		101	75 - 125	5	20	
Nickel	ND		1.00	1.046		mg/L		105	75 - 125	2	20	
Selenium	ND		1.00	1.030		mg/L		103	75 - 125	6	20	
Thallium	ND		1.00	0.9042		mg/L		90	75 - 125	3	20	
Vanadium	ND		1.00	1.116		mg/L		112	75 - 125	3	20	
Zinc	ND		1.00	1.079		mg/L		108	75 - 125	4	20	
Silver	ND		0.500	0.5506		mg/L		110	75 - 125	4	20	

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94483-11 MSD  
 Matrix: Water  
 Analysis Batch: 222311

Client Sample ID: SACA1126TT011  
 Prep Type: Total Recoverable  
 Prep Batch: 222128

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Lead	ND		1.00	0.9752		mg/L		98	75 - 125	1	20

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 440-222227/1-A  
 Matrix: Water  
 Analysis Batch: 222373

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 222227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200		mg/L		12/03/14 08:38	12/03/14 15:11	1

Lab Sample ID: LCS 440-222227/2-A  
 Matrix: Water  
 Analysis Batch: 222373

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 222227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00800	0.008382		mg/L		105	80 - 120

Lab Sample ID: 440-94483-11 MS  
 Matrix: Water  
 Analysis Batch: 222373

Client Sample ID: SACA1126TT011  
 Prep Type: Total/NA  
 Prep Batch: 222227

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0320	0.03311		mg/L		103	70 - 130

Lab Sample ID: 440-94483-11 MSD  
 Matrix: Water  
 Analysis Batch: 222373

Client Sample ID: SACA1126TT011  
 Prep Type: Total/NA  
 Prep Batch: 222227

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.0320	0.03317		mg/L		104	70 - 130	0	20

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-221842/1-A  
 Matrix: Solid  
 Analysis Batch: 222066

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 221842

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0200		mg/Kg		12/01/14 17:04	12/02/14 13:37	1

Lab Sample ID: LCS 440-221842/2-A  
 Matrix: Solid  
 Analysis Batch: 222066

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 221842

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.7999		mg/Kg		100	80 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Method: 7471A - Mercury (CVAA) (Continued)

**Lab Sample ID: 440-93948-E-16-D MS**

**Matrix: Solid**  
**Analysis Batch: 222066**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 221842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.164		0.932	0.9532		mg/Kg	☼	85	70 - 130

**Lab Sample ID: 440-93948-E-16-E MSD**

**Matrix: Solid**  
**Analysis Batch: 222066**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 221842**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.164		0.914	1.176	F2	mg/Kg	☼	111	70 - 130	21	20

**Lab Sample ID: MB 440-221963/1-A**

**Matrix: Solid**  
**Analysis Batch: 222065**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 221963**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0200		mg/Kg		12/02/14 09:47	12/02/14 14:09	1

**Lab Sample ID: LCS 440-221963/2-A**

**Matrix: Solid**  
**Analysis Batch: 222065**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 221963**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.8259		mg/Kg		103	80 - 120

**Lab Sample ID: 440-94071-A-21-L MS**

**Matrix: Solid**  
**Analysis Batch: 222065**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 221963**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0350		0.859	0.9110		mg/Kg	☼	102	70 - 130

**Lab Sample ID: 440-94071-A-21-M MSD**

**Matrix: Solid**  
**Analysis Batch: 222065**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 221963**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0350		0.894	1.010		mg/Kg	☼	109	70 - 130	10	20

**Lab Sample ID: MB 440-222535/1-A**

**Matrix: Solid**  
**Analysis Batch: 222600**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 222535**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0200		mg/Kg		12/04/14 09:42	12/04/14 13:09	1

**Lab Sample ID: LCS 440-222535/2-A**

**Matrix: Solid**  
**Analysis Batch: 222600**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 222535**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.9481		mg/Kg		119	80 - 120

TestAmerica Irvine

# QC Sample Results

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

**Lab Sample ID: 440-94659-H-2-J MS**  
**Matrix: Solid**  
**Analysis Batch: 222600**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 222535**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Mercury	0.0217		0.846	0.9063		mg/Kg	☼	105	70 - 130	

**Lab Sample ID: 440-94659-H-2-K MSD**  
**Matrix: Solid**  
**Analysis Batch: 222600**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 222535**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Mercury	0.0217		0.813	0.8774		mg/Kg	☼	105	70 - 130		3	20

## Method: Moisture - Percent Moisture

**Lab Sample ID: 440-94576-B-1 DU**  
**Matrix: Solid**  
**Analysis Batch: 225570**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	DU		Unit	D	RPD	RPD	
	Result	Qualifier	Result	Qualifier				Limit	
Percent Moisture	43		44		%		4	20	
Percent Solids	57		56		%		3	20	

## Method: SM 4500 Cl G - Chlorine, Residual

**Lab Sample ID: MB 440-221978/1**  
**Matrix: Water**  
**Analysis Batch: 221978**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorine, Total Residual	ND		0.100		mg/L			12/02/14 10:23	1

**Lab Sample ID: 440-94483-11 DU**  
**Matrix: Water**  
**Analysis Batch: 221978**

**Client Sample ID: SACA1126TT011**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	
	Result	Qualifier	Result	Qualifier				Limit	
Chlorine, Total Residual	1.20	HF	1.220		mg/L		2	20	

**Lab Sample ID: MB 440-222283/1-A**  
**Matrix: Solid**  
**Analysis Batch: 222404**

**Client Sample ID: Method Blank**  
**Prep Type: Soluble**

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorine, Total Residual	ND		1.00		mg/Kg			12/03/14 17:51	1

**Lab Sample ID: 440-94483-5 DU**  
**Matrix: Solid**  
**Analysis Batch: 222404**

**Client Sample ID: SACA1126SD005**  
**Prep Type: Soluble**

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD	
	Result	Qualifier	Result	Qualifier				Limit	
Chlorine, Total Residual	ND		ND		mg/Kg		NC	20	

TestAmerica Irvine

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## GC/MS VOA

### Analysis Batch: 221885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	8260B	221939
440-94483-4	SACA1126SD004	Total/NA	Solid	8260B	221939
440-94483-9	SACA1126TT009	Total/NA	Waste	8260B	221939
440-94483-14	SACA1126TT012	Total/NA	Waste	8260B	221939
440-94483-15	SACA1126TT013	Total/NA	Waste	8260B	221939
LCS 440-221885/5	Lab Control Sample	Total/NA	Solid	8260B	
LCS 440-221885/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-221885/4	Method Blank	Total/NA	Solid	8260B	

### Analysis Batch: 221889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	8260B	
440-94483-2	SACA1126SC003	Total/NA	Water	8260B	
440-94483-7	SACA1123TB007	Total/NA	Water	8260B	
440-94483-11	SACA1126TT011	Total/NA	Water	8260B	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	8260B	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	8260B	
440-94483-16	SACA1123TB004	Total/NA	Water	8260B	
440-94483-17	SACA1123TB006	Total/NA	Water	8260B	
LCS 440-221889/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-221889/5	Method Blank	Total/NA	Water	8260B	

### Prep Batch: 221939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	5030B	
440-94483-4	SACA1126SD004	Total/NA	Solid	5030B	
440-94483-9	SACA1126TT009	Total/NA	Waste	5030B	
440-94483-14	SACA1126TT012	Total/NA	Waste	5030B	
440-94483-15	SACA1126TT013	Total/NA	Waste	5030B	

### Analysis Batch: 222123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-5	SACA1126SD005	Total/NA	Solid	8260B	
440-94483-6	SACA1126SC005	Total/NA	Solid	8260B	
440-94659-B-5-A MS	Matrix Spike	Total/NA	Solid	8260B	222141
440-94659-B-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	222141
LCS 440-222123/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-222123/4	Method Blank	Total/NA	Solid	8260B	

### Prep Batch: 222141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94659-B-5-A MS	Matrix Spike	Total/NA	Solid	5035	
440-94659-B-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

### Analysis Batch: 222525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	8260B	222545
LCS 440-222525/24	Lab Control Sample	Total/NA	Solid	8260B	
LCS 440-222525/25	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 440-222525/23	Method Blank	Total/NA	Solid	8260B	

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## GC/MS VOA (Continued)

### Prep Batch: 222545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	5030B	

## GC/MS Semi VOA

### Prep Batch: 221833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	3546	
440-94483-4	SACA1126SD004	Total/NA	Solid	3546	
440-94483-5	SACA1126SD005	Total/NA	Solid	3546	
440-94483-6	SACA1126SC005	Total/NA	Solid	3546	
440-94576-B-1-B MS	Matrix Spike	Total/NA	Solid	3546	
440-94576-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 440-221833/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-221833/1-A	Method Blank	Total/NA	Solid	3546	

### Prep Batch: 221851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	3520C	
440-94483-2	SACA1126SC003	Total/NA	Water	3520C	
440-94483-11	SACA1126TT011	Total/NA	Water	3520C	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	3520C	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	3520C	
LCS 440-221851/2-A	Lab Control Sample	Total/NA	Water	3520C	
MB 440-221851/1-A	Method Blank	Total/NA	Water	3520C	

### Prep Batch: 221866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-9	SACA1126TT009	Total/NA	Waste	3580A	
440-94483-14	SACA1126TT012	Total/NA	Waste	3580A	
440-94483-15	SACA1126TT013	Total/NA	Waste	3580A	
LCS 440-221866/2-A	Lab Control Sample	Total/NA	Waste	3580A	
LCSD 440-221866/3-A	Lab Control Sample Dup	Total/NA	Waste	3580A	
MB 440-221866/1-A	Method Blank	Total/NA	Waste	3580A	

### Analysis Batch: 222114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-221833/2-A	Lab Control Sample	Total/NA	Solid	8270C	221833
MB 440-221833/1-A	Method Blank	Total/NA	Solid	8270C	221833

### Analysis Batch: 222258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	8270C	221833
440-94483-4	SACA1126SD004	Total/NA	Solid	8270C	221833
440-94483-5	SACA1126SD005	Total/NA	Solid	8270C	221833
440-94483-6	SACA1126SC005	Total/NA	Solid	8270C	221833
440-94483-9	SACA1126TT009	Total/NA	Waste	8270C	221866
440-94483-14	SACA1126TT012	Total/NA	Waste	8270C	221866
440-94483-15	SACA1126TT013	Total/NA	Waste	8270C	221866
440-94576-B-1-B MS	Matrix Spike	Total/NA	Solid	8270C	221833
440-94576-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	221833

TestAmerica Irvine

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## GC/MS Semi VOA (Continued)

### Analysis Batch: 222258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-221866/2-A	Lab Control Sample	Total/NA	Waste	8270C	221866
LCSD 440-221866/3-A	Lab Control Sample Dup	Total/NA	Waste	8270C	221866
MB 440-221866/1-A	Method Blank	Total/NA	Waste	8270C	221866

### Analysis Batch: 222440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-221851/2-A	Lab Control Sample	Total/NA	Water	8270C	221851
MB 440-221851/1-A	Method Blank	Total/NA	Water	8270C	221851

### Analysis Batch: 222506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	8270C	221851
440-94483-2	SACA1126SC003	Total/NA	Water	8270C	221851
440-94483-11	SACA1126TT011	Total/NA	Water	8270C	221851
440-94483-11 MS	SACA1126TT011	Total/NA	Water	8270C	221851
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	8270C	221851

### Prep Batch: 222519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	3546	
440-94810-H-24-Q MS	Matrix Spike	Total/NA	Solid	3546	
440-94810-H-24-R MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
LCS 440-222519/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-222519/1-A	Method Blank	Total/NA	Solid	3546	

### Analysis Batch: 222697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	8270C	222519
440-94810-H-24-Q MS	Matrix Spike	Total/NA	Solid	8270C	222519
440-94810-H-24-R MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	222519
LCS 440-222519/2-A	Lab Control Sample	Total/NA	Solid	8270C	222519

### Analysis Batch: 222850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-222519/1-A	Method Blank	Total/NA	Solid	8270C	222519

## GC VOA

### Analysis Batch: 221919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	8015B	
440-94483-2	SACA1126SC003	Total/NA	Water	8015B	
440-94483-11	SACA1126TT011	Total/NA	Water	8015B	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	8015B	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	8015B	
LCS 440-221919/4	Lab Control Sample	Total/NA	Water	8015B	
MB 440-221919/5	Method Blank	Total/NA	Water	8015B	

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## GC VOA (Continued)

### Analysis Batch: 221922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	8015B	221939
440-94483-4	SACA1126SD004	Total/NA	Solid	8015B	221939
440-94483-9	SACA1126TT009	Total/NA	Waste	8015B	221939
440-94483-14	SACA1126TT012	Total/NA	Waste	8015B	221939
440-94483-15	SACA1126TT013	Total/NA	Waste	8015B	221939
LCS 440-221922/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-221922/4	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-221922/5	Method Blank	Total/NA	Solid	8015B	

### Prep Batch: 221939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	5030B	
440-94483-4	SACA1126SD004	Total/NA	Solid	5030B	
440-94483-9	SACA1126TT009	Total/NA	Waste	5030B	
440-94483-14	SACA1126TT012	Total/NA	Waste	5030B	
440-94483-15	SACA1126TT013	Total/NA	Waste	5030B	

### Analysis Batch: 221970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-5	SACA1126SD005	Total/NA	Solid	8015B	
440-94483-6	SACA1126SC005	Total/NA	Solid	8015B	
440-94483-6 MS	SACA1126SC005	Total/NA	Solid	8015B	
440-94483-6 MSD	SACA1126SC005	Total/NA	Solid	8015B	
LCS 440-221970/4	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-221970/5	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-221970/6	Method Blank	Total/NA	Solid	8015B	

### Prep Batch: 222545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	5030B	

### Analysis Batch: 222565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	8015B	222545
LCS 440-222565/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-222565/4	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-222565/5	Method Blank	Total/NA	Solid	8015B	

## GC Semi VOA

### Analysis Batch: 221674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-9	SACA1126TT009	Total/NA	Waste	8015B	221864
440-94483-14	SACA1126TT012	Total/NA	Waste	8015B	221864
440-94483-15	SACA1126TT013	Total/NA	Waste	8015B	221864
LCS 440-221864/2-A	Lab Control Sample	Total/NA	Waste	8015B	221864
LCSD 440-221864/3-A	Lab Control Sample Dup	Total/NA	Waste	8015B	221864
MB 440-221864/1-A	Method Blank	Total/NA	Waste	8015B	221864

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## GC Semi VOA (Continued)

### Prep Batch: 221789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94057-A-7-C MS	Matrix Spike	Total/NA	Solid	3546	
440-94057-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-94483-3	SACA1126SD003	Total/NA	Solid	3546	
440-94483-4	SACA1126SD004	Total/NA	Solid	3546	
440-94483-5	SACA1126SD005	Total/NA	Solid	3546	
440-94483-6	SACA1126SC005	Total/NA	Solid	3546	
LCS 440-221789/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-221789/1-A	Method Blank	Total/NA	Solid	3546	

### Prep Batch: 221864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-9	SACA1126TT009	Total/NA	Waste	3580A	
440-94483-14	SACA1126TT012	Total/NA	Waste	3580A	
440-94483-15	SACA1126TT013	Total/NA	Waste	3580A	
LCS 440-221864/2-A	Lab Control Sample	Total/NA	Waste	3580A	
LCS 440-221864/3-A	Lab Control Sample Dup	Total/NA	Waste	3580A	
MB 440-221864/1-A	Method Blank	Total/NA	Waste	3580A	

### Prep Batch: 221907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	3510C	
440-94483-2	SACA1126SC003	Total/NA	Water	3510C	
440-94483-11	SACA1126TT011	Total/NA	Water	3510C	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	3510C	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	3510C	
LCS 440-221907/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 440-221907/1-A	Method Blank	Total/NA	Water	3510C	

### Analysis Batch: 221973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-4	SACA1126SD004	Total/NA	Solid	8015B	221789

### Analysis Batch: 221975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94057-A-7-C MS	Matrix Spike	Total/NA	Solid	8015B	221789
440-94057-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	221789
LCS 440-221789/2-A	Lab Control Sample	Total/NA	Solid	8015B	221789
MB 440-221789/1-A	Method Blank	Total/NA	Solid	8015B	221789

### Analysis Batch: 221976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	8015B	221907
440-94483-2	SACA1126SC003	Total/NA	Water	8015B	221907
440-94483-3	SACA1126SD003	Total/NA	Solid	8015B	221789
440-94483-5	SACA1126SD005	Total/NA	Solid	8015B	221789
440-94483-6	SACA1126SC005	Total/NA	Solid	8015B	221789
440-94483-11	SACA1126TT011	Total/NA	Water	8015B	221907

### Analysis Batch: 221977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-11 MS	SACA1126TT011	Total/NA	Water	8015B	221907

TestAmerica Irvine

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## GC Semi VOA (Continued)

### Analysis Batch: 221977 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	8015B	221907
LCS 440-221907/2-A	Lab Control Sample	Total/NA	Water	8015B	221907
MB 440-221907/1-A	Method Blank	Total/NA	Water	8015B	221907

### Prep Batch: 222514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	3546	
LCS 440-222514/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-222514/1-A	Method Blank	Total/NA	Solid	3546	

### Analysis Batch: 222530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	8015B	222514

### Analysis Batch: 222534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-222514/2-A	Lab Control Sample	Total/NA	Solid	8015B	222514
MB 440-222514/1-A	Method Blank	Total/NA	Solid	8015B	222514

## HPLC/IC

### Analysis Batch: 221927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	300.0	
440-94483-2	SACA1126SC003	Total/NA	Water	300.0	
440-94483-11	SACA1126TT011	Total/NA	Water	300.0	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	300.0	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	300.0	
LCS 440-221927/18	Lab Control Sample	Total/NA	Water	300.0	
MB 440-221927/17	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 221928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	300.0	
440-94483-1	SACA1126SL003	Total/NA	Water	300.0	
440-94483-2	SACA1126SC003	Total/NA	Water	300.0	
440-94483-2	SACA1126SC003	Total/NA	Water	300.0	
440-94483-11	SACA1126TT011	Total/NA	Water	300.0	
440-94483-11	SACA1126TT011	Total/NA	Water	300.0	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	300.0	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	300.0	
LCS 440-221928/18	Lab Control Sample	Total/NA	Water	300.0	
MB 440-221928/17	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 222214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-11	SACA1126TT011	Total/NA	Water	300.0	
440-94807-C-8 MS	Matrix Spike	Total/NA	Water	300.0	
440-94807-C-8 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
LCS 440-222214/6	Lab Control Sample	Total/NA	Water	300.0	

TestAmerica Irvine

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## HPLC/IC (Continued)

### Analysis Batch: 222214 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-222214/4	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 223197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Soluble	Solid	300.0	223231
440-94483-4	SACA1126SD004	Soluble	Solid	300.0	223231
440-94483-5	SACA1126SD005	Soluble	Solid	300.0	223231
440-94483-6	SACA1126SC005	Soluble	Solid	300.0	223231
440-94483-9	SACA1126TT009	Soluble	Waste	300.0	223231
440-94483-14	SACA1126TT012	Soluble	Waste	300.0	223231
440-94483-15	SACA1126TT013	Soluble	Waste	300.0	223231
440-94483-18	SACA1126TT008	Soluble	Solid	300.0	223231
440-95653-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	223231
440-95653-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	223231
LCS 440-223231/2-A	Lab Control Sample	Soluble	Solid	300.0	223231
MB 440-223231/1-A	Method Blank	Soluble	Solid	300.0	223231

### Analysis Batch: 223198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Soluble	Solid	300.0	223231
440-94483-4	SACA1126SD004	Soluble	Solid	300.0	223231
440-94483-5	SACA1126SD005	Soluble	Solid	300.0	223231
440-94483-6	SACA1126SC005	Soluble	Solid	300.0	223231
440-94483-9	SACA1126TT009	Soluble	Waste	300.0	223231
440-94483-14	SACA1126TT012	Soluble	Waste	300.0	223231
440-94483-15	SACA1126TT013	Soluble	Waste	300.0	223231
440-94483-18	SACA1126TT008	Soluble	Solid	300.0	223231
440-95653-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	223231
440-95653-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	223231
LCS 440-223231/2-A	Lab Control Sample	Soluble	Solid	300.0	223231
MB 440-223231/1-A	Method Blank	Soluble	Solid	300.0	223231

### Leach Batch: 223231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Soluble	Solid	DI Leach	
440-94483-4	SACA1126SD004	Soluble	Solid	DI Leach	
440-94483-5	SACA1126SD005	Soluble	Solid	DI Leach	
440-94483-6	SACA1126SC005	Soluble	Solid	DI Leach	
440-94483-9	SACA1126TT009	Soluble	Waste	DI Leach	
440-94483-14	SACA1126TT012	Soluble	Waste	DI Leach	
440-94483-15	SACA1126TT013	Soluble	Waste	DI Leach	
440-94483-18	SACA1126TT008	Soluble	Solid	DI Leach	
440-95653-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
440-95653-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
LCS 440-223231/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
MB 440-223231/1-A	Method Blank	Soluble	Solid	DI Leach	

### Analysis Batch: 223363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-5	SACA1126SD005	Soluble	Solid	300.0	223231
440-94483-6	SACA1126SC005	Soluble	Solid	300.0	223231

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# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## HPLC/IC (Continued)

### Analysis Batch: 223364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-4	SACA1126SD004	Soluble	Solid	300.0	223231
440-94483-5	SACA1126SD005	Soluble	Solid	300.0	223231
440-94483-6	SACA1126SC005	Soluble	Solid	300.0	223231

## Metals

### Prep Batch: 221791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	3050B	
440-94483-4	SACA1126SD004	Total/NA	Solid	3050B	
440-94483-5	SACA1126SD005	Total/NA	Solid	3050B	
440-94483-6	SACA1126SC005	Total/NA	Solid	3050B	
440-94483-6 MS	SACA1126SC005	Total/NA	Solid	3050B	
440-94483-6 MSD	SACA1126SC005	Total/NA	Solid	3050B	
440-94483-9	SACA1126TT009	Total/NA	Waste	3050B	
440-94483-14	SACA1126TT012	Total/NA	Waste	3050B	
440-94483-15	SACA1126TT013	Total/NA	Waste	3050B	
LCS 440-221791/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-221791/1-A ^5	Method Blank	Total/NA	Solid	3050B	

### Prep Batch: 221842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93948-E-16-D MS	Matrix Spike	Total/NA	Solid	7471A	
440-93948-E-16-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
440-94483-3	SACA1126SD003	Total/NA	Solid	7471A	
440-94483-9	SACA1126TT009	Total/NA	Waste	7471A	
440-94483-14	SACA1126TT012	Total/NA	Waste	7471A	
440-94483-15	SACA1126TT013	Total/NA	Waste	7471A	
LCS 440-221842/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-221842/1-A	Method Blank	Total/NA	Solid	7471A	

### Prep Batch: 221963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94071-A-21-L MS	Matrix Spike	Total/NA	Solid	7471A	
440-94071-A-21-M MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
440-94483-4	SACA1126SD004	Total/NA	Solid	7471A	
440-94483-5	SACA1126SD005	Total/NA	Solid	7471A	
440-94483-6	SACA1126SC005	Total/NA	Solid	7471A	
LCS 440-221963/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-221963/1-A	Method Blank	Total/NA	Solid	7471A	

### Analysis Batch: 222001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	6010B	221791
440-94483-4	SACA1126SD004	Total/NA	Solid	6010B	221791
440-94483-5	SACA1126SD005	Total/NA	Solid	6010B	221791
440-94483-6	SACA1126SC005	Total/NA	Solid	6010B	221791
440-94483-6 MS	SACA1126SC005	Total/NA	Solid	6010B	221791
440-94483-6 MSD	SACA1126SC005	Total/NA	Solid	6010B	221791
440-94483-9	SACA1126TT009	Total/NA	Waste	6010B	221791

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# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Metals (Continued)

### Analysis Batch: 222001 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-14	SACA1126TT012	Total/NA	Waste	6010B	221791
440-94483-15	SACA1126TT013	Total/NA	Waste	6010B	221791
LCS 440-221791/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	221791
MB 440-221791/1-A ^5	Method Blank	Total/NA	Solid	6010B	221791

### Analysis Batch: 222015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	6010B	221791

### Analysis Batch: 222065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94071-A-21-L MS	Matrix Spike	Total/NA	Solid	7471A	221963
440-94071-A-21-M MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	221963
440-94483-4	SACA1126SD004	Total/NA	Solid	7471A	221963
440-94483-5	SACA1126SD005	Total/NA	Solid	7471A	221963
440-94483-6	SACA1126SC005	Total/NA	Solid	7471A	221963
LCS 440-221963/2-A	Lab Control Sample	Total/NA	Solid	7471A	221963
MB 440-221963/1-A	Method Blank	Total/NA	Solid	7471A	221963

### Analysis Batch: 222066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-93948-E-16-D MS	Matrix Spike	Total/NA	Solid	7471A	221842
440-93948-E-16-E MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	221842
440-94483-3	SACA1126SD003	Total/NA	Solid	7471A	221842
440-94483-9	SACA1126TT009	Total/NA	Waste	7471A	221842
440-94483-14	SACA1126TT012	Total/NA	Waste	7471A	221842
440-94483-15	SACA1126TT013	Total/NA	Waste	7471A	221842
LCS 440-221842/2-A	Lab Control Sample	Total/NA	Solid	7471A	221842
MB 440-221842/1-A	Method Blank	Total/NA	Solid	7471A	221842

### Prep Batch: 222128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total Recoverable	Water	3005A	
440-94483-2	SACA1126SC003	Total Recoverable	Water	3005A	
440-94483-11	SACA1126TT011	Total Recoverable	Water	3005A	
440-94483-11 MS	SACA1126TT011	Total Recoverable	Water	3005A	
440-94483-11 MSD	SACA1126TT011	Total Recoverable	Water	3005A	
LCS 440-222128/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 440-222128/1-A	Method Blank	Total Recoverable	Water	3005A	

### Prep Batch: 222227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	7470A	
440-94483-2	SACA1126SC003	Total/NA	Water	7470A	
440-94483-11	SACA1126TT011	Total/NA	Water	7470A	
440-94483-11 MS	SACA1126TT011	Total/NA	Water	7470A	
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	7470A	
LCS 440-222227/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 440-222227/1-A	Method Blank	Total/NA	Water	7470A	

# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Metals (Continued)

### Analysis Batch: 222282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-11	SACA1126TT011	Total Recoverable	Water	6010B	222128
440-94483-11 MS	SACA1126TT011	Total Recoverable	Water	6010B	222128
440-94483-11 MSD	SACA1126TT011	Total Recoverable	Water	6010B	222128
LCS 440-222128/2-A	Lab Control Sample	Total Recoverable	Water	6010B	222128
MB 440-222128/1-A	Method Blank	Total Recoverable	Water	6010B	222128

### Analysis Batch: 222311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total Recoverable	Water	6010B	222128
440-94483-2	SACA1126SC003	Total Recoverable	Water	6010B	222128
440-94483-11	SACA1126TT011	Total Recoverable	Water	6010B	222128
440-94483-11 MS	SACA1126TT011	Total Recoverable	Water	6010B	222128
440-94483-11 MSD	SACA1126TT011	Total Recoverable	Water	6010B	222128
LCS 440-222128/2-A	Lab Control Sample	Total Recoverable	Water	6010B	222128
MB 440-222128/1-A	Method Blank	Total Recoverable	Water	6010B	222128

### Analysis Batch: 222315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total Recoverable	Water	6010B	222128
440-94483-2	SACA1126SC003	Total Recoverable	Water	6010B	222128

### Analysis Batch: 222341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-2	SACA1126SC003	Total Recoverable	Water	6010B	222128

### Analysis Batch: 222373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	7470A	222227
440-94483-2	SACA1126SC003	Total/NA	Water	7470A	222227
440-94483-11	SACA1126TT011	Total/NA	Water	7470A	222227
440-94483-11 MS	SACA1126TT011	Total/NA	Water	7470A	222227
440-94483-11 MSD	SACA1126TT011	Total/NA	Water	7470A	222227
LCS 440-222227/2-A	Lab Control Sample	Total/NA	Water	7470A	222227
MB 440-222227/1-A	Method Blank	Total/NA	Water	7470A	222227

### Prep Batch: 222501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	3050B	
440-94956-B-1-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-94956-B-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 440-222501/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-222501/1-A ^5	Method Blank	Total/NA	Solid	3050B	

### Prep Batch: 222535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	7471A	
440-94659-H-2-J MS	Matrix Spike	Total/NA	Solid	7471A	
440-94659-H-2-K MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
LCS 440-222535/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-222535/1-A	Method Blank	Total/NA	Solid	7471A	

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# QC Association Summary

Client: Center for Toxicology & Env Health LLC  
 Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Metals (Continued)

### Analysis Batch: 222592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	6010B	222501
440-94956-B-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	222501
440-94956-B-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	222501
LCS 440-222501/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	222501
MB 440-222501/1-A ^5	Method Blank	Total/NA	Solid	6010B	222501

### Analysis Batch: 222600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-18	SACA1126TT008	Total/NA	Solid	7471A	222535
440-94659-H-2-J MS	Matrix Spike	Total/NA	Solid	7471A	222535
440-94659-H-2-K MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	222535
LCS 440-222535/2-A	Lab Control Sample	Total/NA	Solid	7471A	222535
MB 440-222535/1-A	Method Blank	Total/NA	Solid	7471A	222535

## General Chemistry

### Analysis Batch: 221978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-1	SACA1126SL003	Total/NA	Water	SM 4500 CI G	
440-94483-2	SACA1126SC003	Total/NA	Water	SM 4500 CI G	
440-94483-11	SACA1126TT011	Total/NA	Water	SM 4500 CI G	
440-94483-11 DU	SACA1126TT011	Total/NA	Water	SM 4500 CI G	
MB 440-221978/1	Method Blank	Total/NA	Water	SM 4500 CI G	

### Leach Batch: 222283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Soluble	Solid	DI Leach	
440-94483-4	SACA1126SD004	Soluble	Solid	DI Leach	
440-94483-5	SACA1126SD005	Soluble	Solid	DI Leach	
440-94483-5 DU	SACA1126SD005	Soluble	Solid	DI Leach	
440-94483-6	SACA1126SC005	Soluble	Solid	DI Leach	
MB 440-222283/1-A	Method Blank	Soluble	Solid	DI Leach	

### Analysis Batch: 222404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Soluble	Solid	SM 4500 CI G	222283
440-94483-4	SACA1126SD004	Soluble	Solid	SM 4500 CI G	222283
440-94483-5	SACA1126SD005	Soluble	Solid	SM 4500 CI G	222283
440-94483-5 DU	SACA1126SD005	Soluble	Solid	SM 4500 CI G	222283
440-94483-6	SACA1126SC005	Soluble	Solid	SM 4500 CI G	222283
MB 440-222283/1-A	Method Blank	Soluble	Solid	SM 4500 CI G	222283

### Analysis Batch: 225570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94483-3	SACA1126SD003	Total/NA	Solid	Moisture	
440-94483-4	SACA1126SD004	Total/NA	Solid	Moisture	
440-94483-5	SACA1126SD005	Total/NA	Solid	Moisture	
440-94483-6	SACA1126SC005	Total/NA	Solid	Moisture	
440-94483-18	SACA1126TT008	Total/NA	Solid	Moisture	
440-94576-B-1 DU	Duplicate	Total/NA	Solid	Moisture	

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# Definitions/Glossary

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD exceeds the control limits

### GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### GC VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

### GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits

### HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

### Metals

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

### General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

TestAmerica Irvine

## Definitions/Glossary

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

### Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Certification Summary

Client: Center for Toxicology & Env Health LLC  
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94483-1

## Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-15
Arizona	State Program	9	AZ0671	10-13-15
California	LA Cty Sanitation Districts	9	10256	01-31-15
California	State Program	9	2706	06-30-16
Guam	State Program	9	Cert. No. 12.002r	01-23-15
Hawaii	State Program	9	N/A	01-29-15 *
Nevada	State Program	9	CA015312007A	07-31-15
New Mexico	State Program	6	N/A	01-29-15
Northern Mariana Islands	State Program	9	MP0002	01-29-15
Oregon	NELAP	10	4005	01-29-15
USDA	Federal		P330-09-00080	06-06-15
USEPA UCMR	Federal	1	CA01531	01-31-15

\* Certification renewal pending - certification considered valid.

TestAmerica Irvine

**TestAmerica Irvine**  
 17461 Derian Ave  
 Suite 100  
 Irvine, CA 92614  
 Phone: 949.261.1022 Fax:



440-94483 Chain of Custody

Chain of Custody Record

027400

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING  
 TestAmerica Laboratories, Inc.  
 TAL-8210 (07/13)

Regulatory Program:  DW  NPDES  RCRA  Other.

Company Name: CTEH		Client Contact		Project Manager: <u>Kyle Bennett</u>		Site Contact:		Date: <u>11-26-14</u>		COC No. of COCs	
Address: 5120 N. SACRO DR		Tel/Fax:		Analysis Turnaround Time		Lab Contact:		Carrier:		Sampler:	
City/State/Zip: <u>N. Hollywood, CA 91605</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below		Perform MS/MSD (Y/N)		Walk-in Client:		For Lab Use Only:	
Phone: 561.801.8500		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		Filtered Sample (Y/N)		Lab Sampling		Job / SDG No.:	
Fax: Kbennette@cteh.com		<input type="checkbox"/> 2 days		<input checked="" type="checkbox"/> 1 day							
Project Name: <u>Miss. in Incident 106546</u>		Sample Date		Sample Time		Sample Type (C-comp, G-Grab)		Matrix		# of Cont.	
Site: <u>106546</u>		11-26-14		15:05		G		SL		5	
P O #		SACA1126SL003		15:30		G		SL		5	
		SACA1126SD003		15:20		G		SD		2	
		SACA1126SD004		15:50		G		SD		1	
		SACA1126SD005		16:35		G		SD		1	
		SACA1126SC005		16:35		G		SD		1	
		SACA1123TB007		11-23-14		TB		TB		2	
		SACA1124TT008		11-20-14		G		G		2	
		SACA1120TT009		15:26		G		G		5	
		SACA1126TT010		15:36		G		G		5	
		SACA1126TT011		15:40		G		G		5	
		SACA1126TT011MS		15:40		G		G		5	
<p>Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5= NaOH, 6= Other</p> <p>Possible Hazard Identification: Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown</p> <p><input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months</p> <p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p>											
Special Instructions/QC Requirements & Comments:		Custody Seal No.:		Date/Time:		Company:		Received by:		Date/Time:	
Email to: <u>Kbennette@cteh.com</u> , <u>labresults@cteh.com</u> , <u>skluska@cteh.com</u> , <u>amikelman@cteh.com</u> , <u>tom@epa.gov</u> , <u>john.michael@epa.gov</u> , <u>christopher.mys@westoilsolutions.com</u>		CTEH		11-28-14 7:10		Shatowabi		Shatowabi		11-28-14 7:10	
Relinquished by: <u>[Signature]</u>		D5		11-28-14 9:33am		D5		D5		11-28-14 09:23	
Relinquished by: <u>[Signature]</u>		D5		11-28-14 9:33am		D5		D5		11-28-14 09:23	
Relinquished by: <u>[Signature]</u>		D5		11-28-14 9:33am		D5		D5		11-28-14 09:23	

4.4/4.2°; 2.8/2.6°; 2.1/1.9°; 2.5/2.3° (K-T)

UTL Shatowabi KEO



## Login Sample Receipt Checklist

Client: Center for Toxicology & Env Health LLC

Job Number: 440-94483-1

**Login Number: 94483**

**List Number: 1**

**Creator: Kim, Guerry**

**List Source: TestAmerica Irvine**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	False	
Residual Chlorine Checked.	N/A	

